

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019074.D
 Acq On : 23 Dec 2023 12:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020745

Quant Time: Dec 24 23:59:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	173146	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	646484	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.446	164	415991	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.198	188	976355	20.000	ng/u1	-0.01
79) Chrysene-d12	21.292	240	1052906	20.000	ng/u1	# 0.00
88) Perylene-d12	23.645	264	1230064	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	38311	7.540	ng/uL	0.00
4) Pyridine-d5	3.670	84	257800	18.942	ng/u1	0.00
7) Phenol-d5	6.993	99	310452	17.867	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	176272	17.116	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.346	132	247292	18.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	238560	16.965	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	113351	19.700	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.699	143	126304	21.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	253241	20.761	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.752	131	307481	19.288	ng/u1	-0.01
46) Dimethylphthalate-d6	13.869	166	721024	19.420	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	810131	19.816	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.663	143	131328	21.549	ng/u1	0.00
60) Fluorene-d10	15.440	176	631499	20.263	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	124277	21.229	ng/u1	0.00
73) Anthracene-d10	17.298	188	1026024	19.989	ng/u1	0.00
81) Pyrene-d10	19.539	212	1310094	15.985	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.498	264	1400622	19.529	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	42047	7.546	ng/uL	93
5) Pyridine	3.687	79	259993	18.917	ng/u1	97
6) Benzaldehyde	6.958	77	147604	16.453	ng/u1	98
8) Phenol	7.017	94	302193	17.734	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	245521	17.544	ng/u1	99
12) 2-Chlorophenol	7.381	128	247422	18.031	ng/u1	96
13) 2-Methylphenol	8.264	108	227500	17.439	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	282693	15.920	ng/u1	97
16) Acetophenone	8.640	105	357811	17.074	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.628	70	168626	14.626	ng/u1	96
18) 4-Methylphenol	8.593	108	242166	17.000	ng/u1	99
19) Hexachloroethane	8.887	117	103879	18.466	ng/u1	87
22) Nitrobenzene	9.016	77	269755	19.283	ng/u1	99
23) Isophorone	9.546	82	478707	16.783	ng/u1	98
25) 2-Nitrophenol	9.728	139	133762	20.942	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	234854	18.800	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	312006	17.326	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	241876	20.586	ng/u1	98
30) Naphthalene	10.658	128	759190	19.358	ng/u1	99
32) 4-Chloroaniline	10.775	127	294356	19.373	ng/u1	99
33) Hexachlorobutadiene	10.940	225	182490	23.191	ng/u1	99
34) Caprolactam	11.557	113	64224	17.827	ng/u1	88
35) 4-Chloro-3-methylphenol	11.905	107	246658	18.740	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	517144	18.613	ng/u1	98

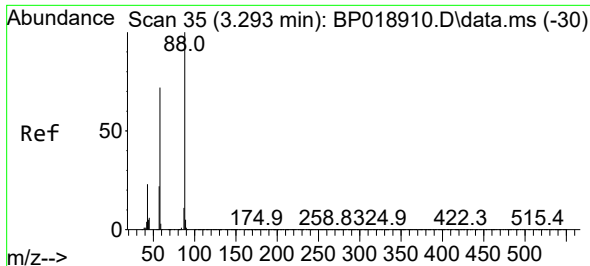
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019074.D
 Acq On : 23 Dec 2023 12:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020745

Quant Time: Dec 24 23:59:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

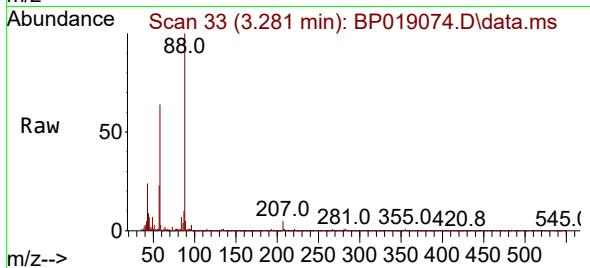
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	524267	18.685	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	333530	22.099	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	165214	18.468	ng/ul	98
41) 2,4,6-Trichlorophenol	12.887	196	205144	21.129	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	226718	21.539	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	699877	19.453	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	569921	20.057	ng/ul	98
45) 2-Nitroaniline	13.540	65	145277	18.859	ng/ul	94
47) Dimethylphthalate	13.916	163	708017	19.373	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	141323	20.467	ng/ul	95
50) Acenaphthylene	14.169	152	900326	19.587	ng/ul	100
51) 3-Nitroaniline	14.363	138	143181	20.773	ng/ul	97
52) Acenaphthene	14.510	153	600062	19.744	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	76990	21.039	ng/ul	94
55) 4-Nitrophenol	14.681	109	104736	22.747	ng/ul	93
56) Dibenzofuran	14.846	168	859664	20.352	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	211424	21.768	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	200335	22.690	ng/ul	92
59) Diethylphthalate	15.275	149	701499	19.615	ng/ul	100
61) Fluorene	15.498	166	694225	20.771	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	377623	21.543	ng/ul	96
63) 4-Nitroaniline	15.528	138	144783	22.049	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.587	198	132308	21.139	ng/ul	93
67) N-Nitrosodiphenylamine	15.710	169	594084	18.362	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	248854	20.189	ng/ul	94
69) Hexachlorobenzene	16.498	284	299330	21.751	ng/ul	94
70) Atrazine	16.669	200	148263	15.414	ng/ul	99
71) Pentachlorophenol	16.851	266	178021	21.750	ng/ul	99
72) Phenanthrene	17.240	178	1166279	19.778	ng/ul	100
74) Anthracene	17.334	178	1182036	19.998	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	329680	19.528	ng/uL	98
76) Pentachlorobenzene	14.763	250	338538	20.415	ng/uL	98
77) Carbazole	17.610	167	1072402	22.765	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1221400	19.472	ng/ul	100
80) Fluoranthene	19.216	202	1487132	15.350	ng/ul#	94
82) Pyrene	19.563	202	1550777	15.867	ng/ul	95
83) Butylbenzylphthalate	20.445	149	579333	16.192	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	565744	22.111	ng/ul	99
85) Benzo(a)anthracene	21.275	228	1673306	19.579	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	863328	17.555	ng/ul	99
87) Chrysene	21.328	228	1544144	19.620	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	1516480	16.885	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1694531	18.684	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	1696501	19.333	ng/ul	98
93) Benzo(a)pyrene	23.545	252	1592162	19.213	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.092	276	2028070	20.483	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.116	278	1694537	20.574	ng/ul#	96
96) Benzo(g,h,i)perylene	26.851	276	1636746	20.541	ng/ul#	95

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

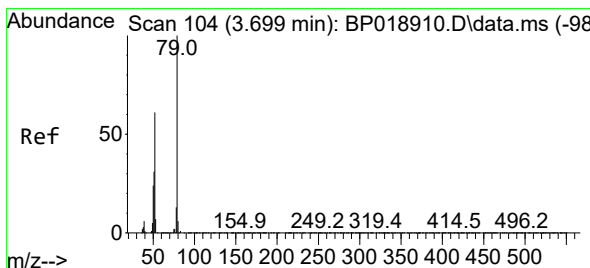
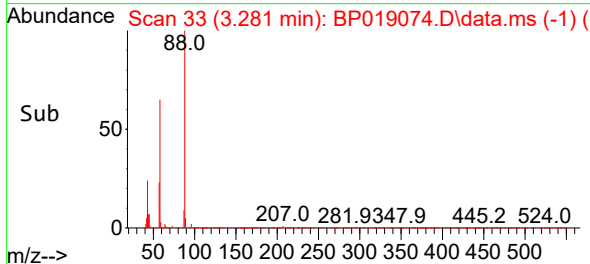
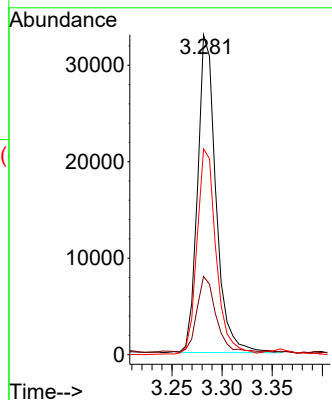


#2
1,4-Dioxane
Concen: 7.546 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Instrument :
BNA_P
ClientSampleId :
SSTD020745

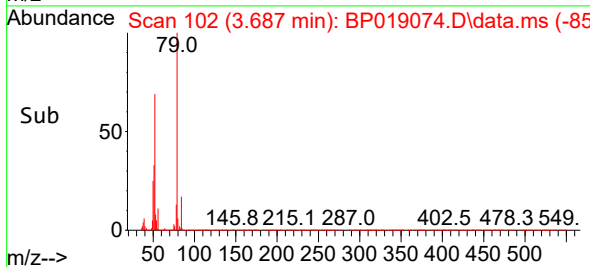
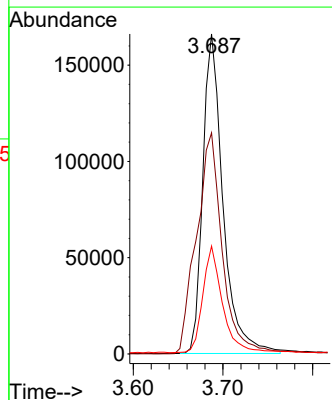
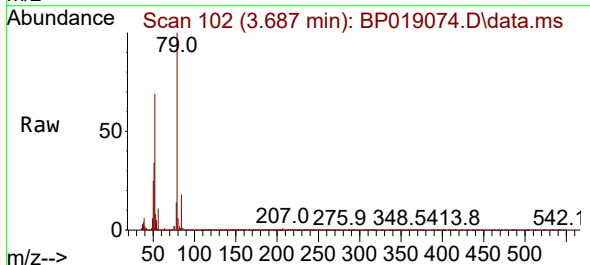


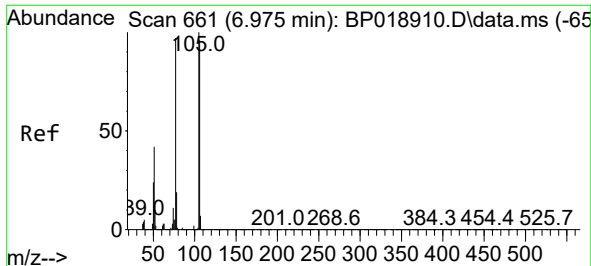
Tgt Ion: 88 Resp: 42047
Ion Ratio Lower Upper
88 100
43 24.5 21.8 32.6
58 64.3 56.5 84.7



#5
Pyridine
Concen: 18.917 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion: 79 Resp: 259993
Ion Ratio Lower Upper
79 100
52 69.1 57.4 86.0
51 33.7 26.2 39.4

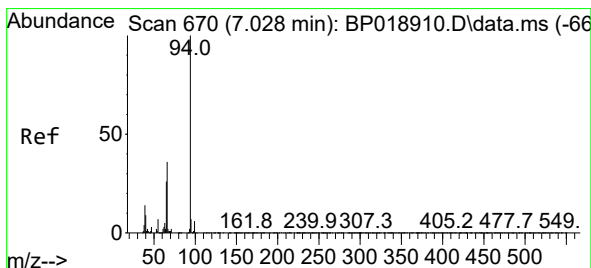
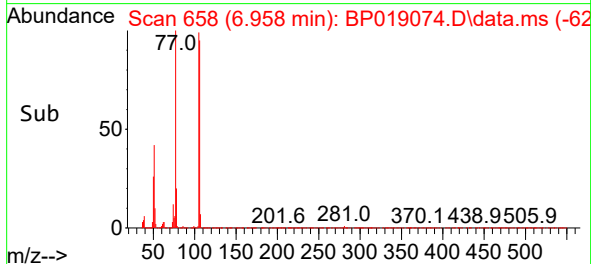
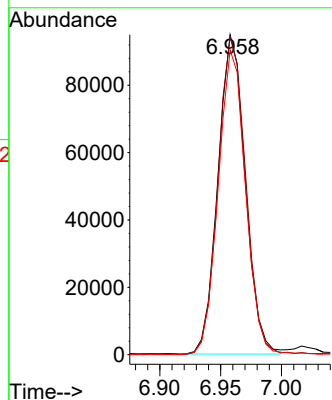
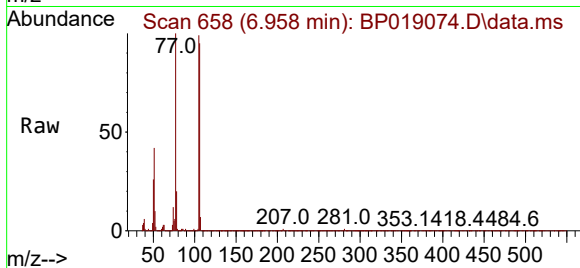




#6
Benzaldehyde
Concen: 16.453 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

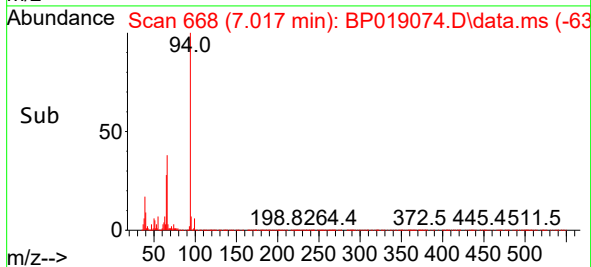
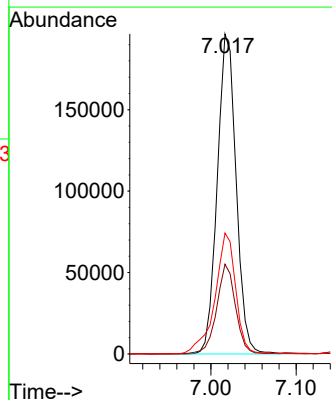
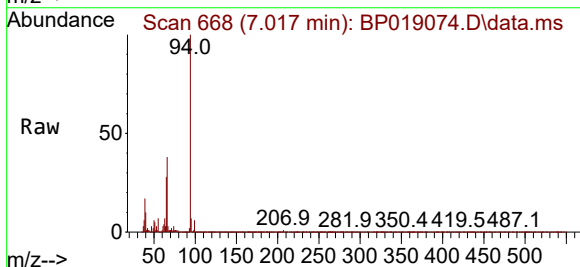
Instrument :
BNA_P
ClientSampleId :
SSTD020745

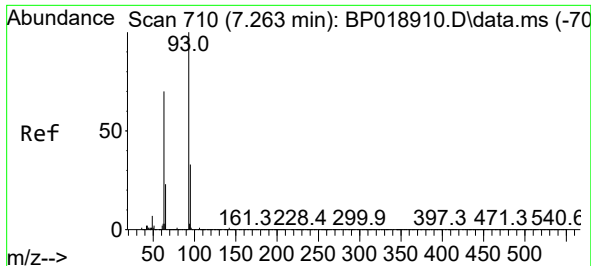
Tgt Ion: 77 Resp: 147604
Ion Ratio Lower Upper
77 100
105 99.3 77.9 116.9
106 95.2 74.6 111.8



#8
Phenol
Concen: 17.734 ng/ul
RT: 7.017 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion: 94 Resp: 302193
Ion Ratio Lower Upper
94 100
65 28.1 21.0 31.6
66 37.8 28.6 43.0

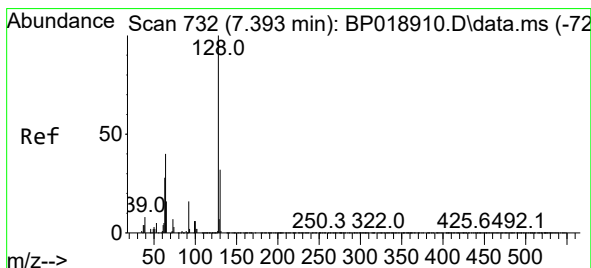
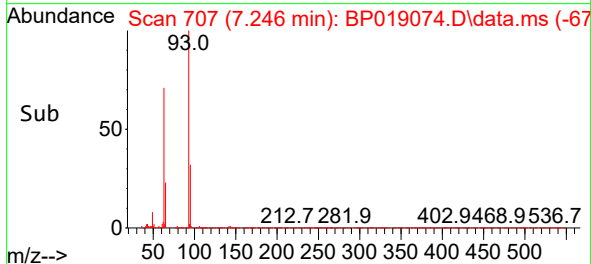
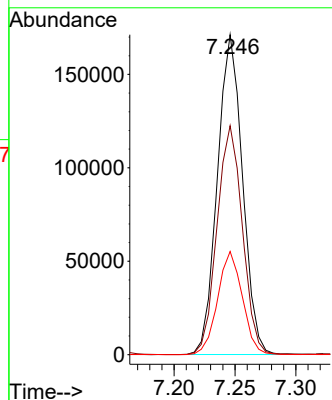
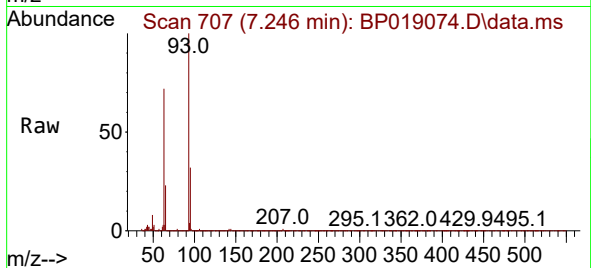




#10
Bis(2-Chloroethyl)ether
Concen: 17.544 ng/ul
RT: 7.246 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

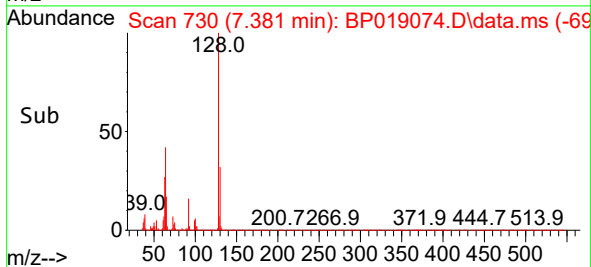
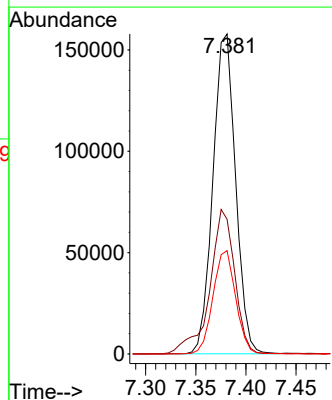
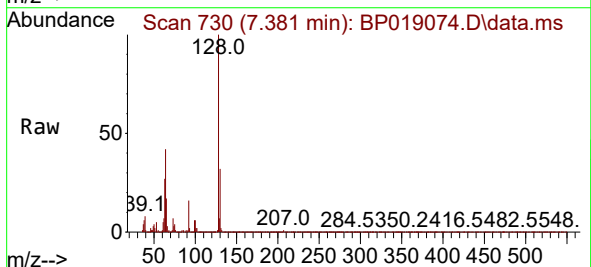
Instrument :
BNA_P
ClientSampleId :
SSTD020745

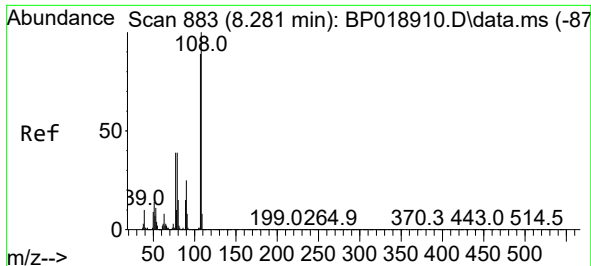
Tgt Ion: 93 Resp: 245521
Ion Ratio Lower Upper
93 100
63 71.5 58.3 87.5
95 32.3 25.9 38.9



#12
2-Chlorophenol
Concen: 18.031 ng/ul
RT: 7.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:128 Resp: 247422
Ion Ratio Lower Upper
128 100
64 42.1 37.0 55.4
130 32.3 26.8 40.2





#13

2-Methylphenol

Concen: 17.439 ng/ul

RT: 8.264 min Scan# 8

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

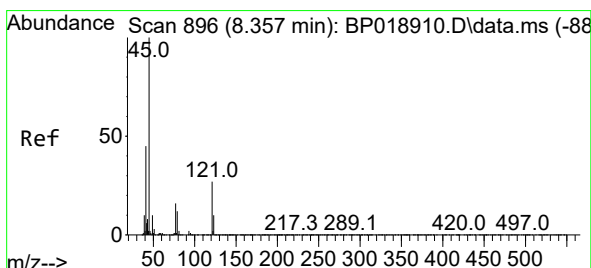
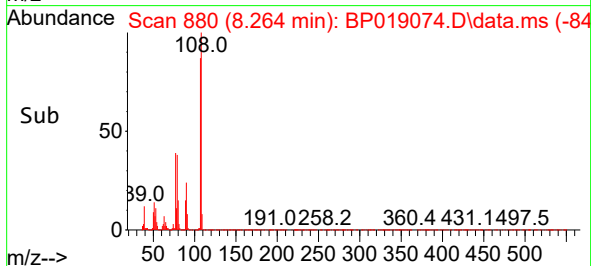
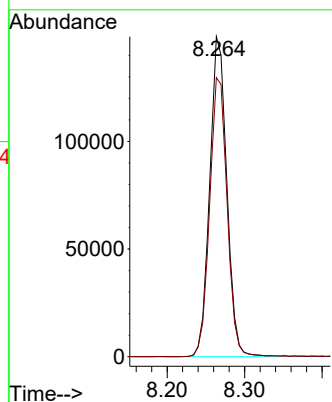
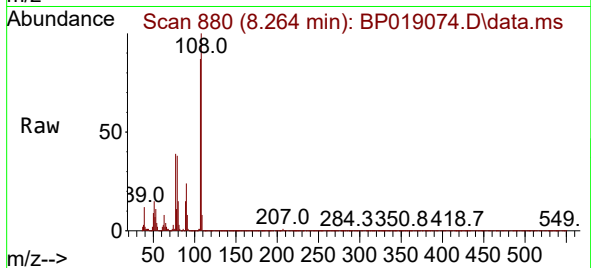
SSTD020745

Tgt Ion:108 Resp: 227500

Ion Ratio Lower Upper

108 100

107 87.2 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.920 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

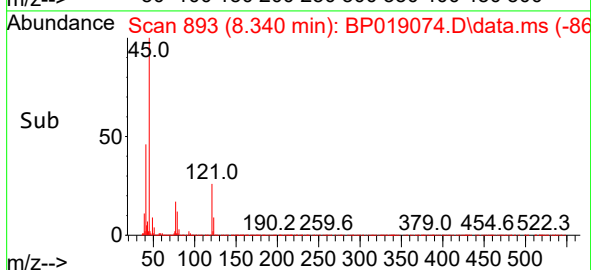
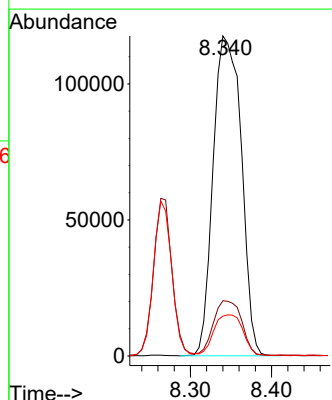
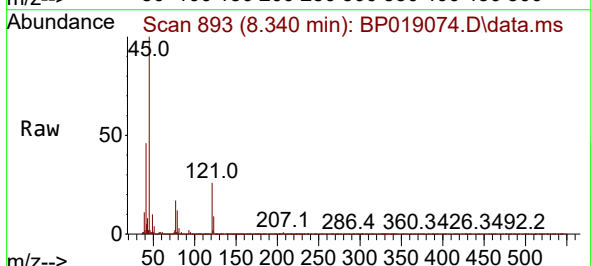
Tgt Ion: 45 Resp: 282693

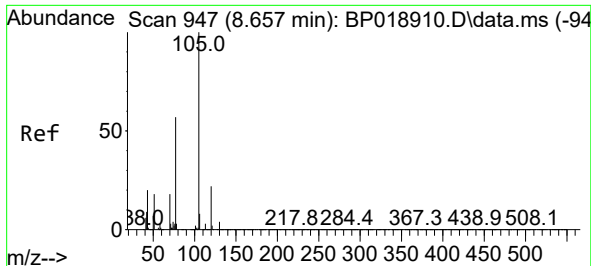
Ion Ratio Lower Upper

45 100

77 17.3 12.7 19.1

79 12.4 10.5 15.7

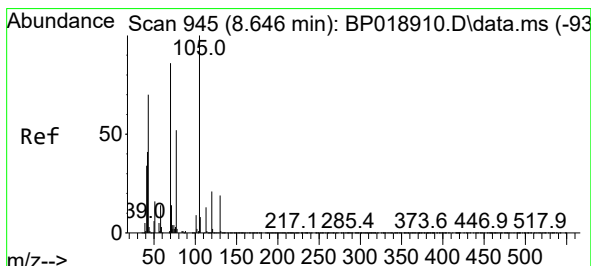
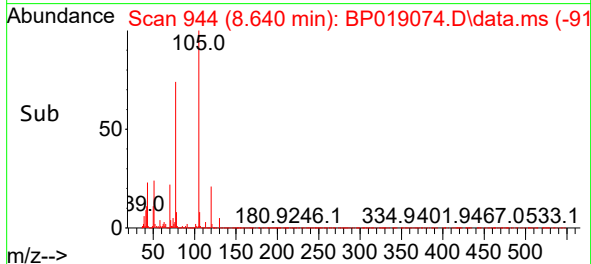
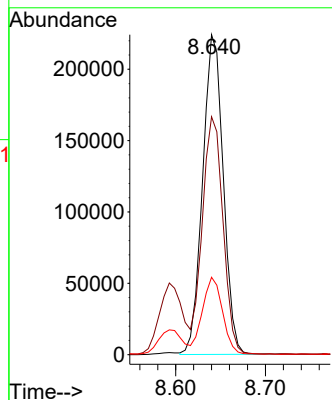
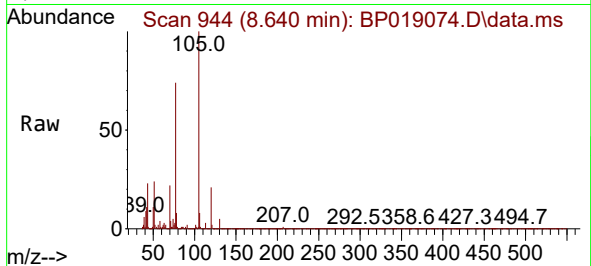




#16
Acetophenone
Concen: 17.074 ng/ul
RT: 8.640 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

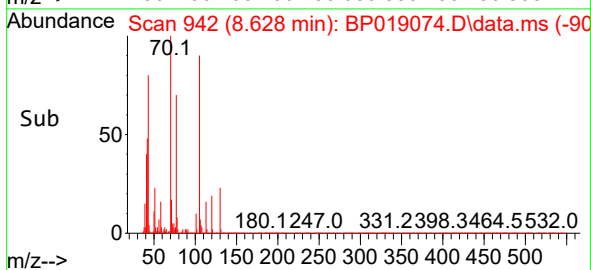
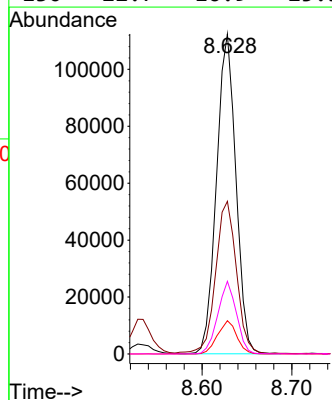
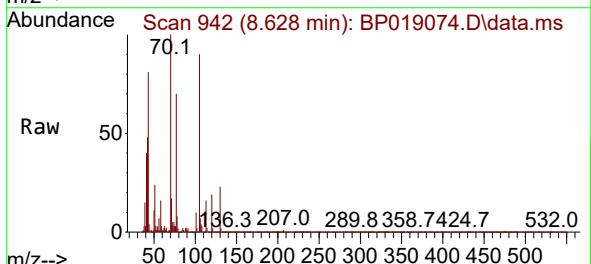
Instrument :
BNA_P
ClientSampleId :
SSTD020745

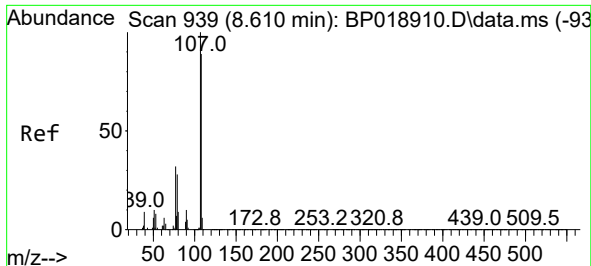
Tgt Ion:105 Resp: 357811
Ion Ratio Lower Upper
105 100
77 74.3 59.4 89.0
51 24.2 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 14.626 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion: 70 Resp: 168626
Ion Ratio Lower Upper
70 100
42 47.7 41.0 61.4
101 10.4 7.8 11.8
130 22.7 16.9 25.3





#18

4-Methylphenol

Concen: 17.000 ng/ul

RT: 8.593 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

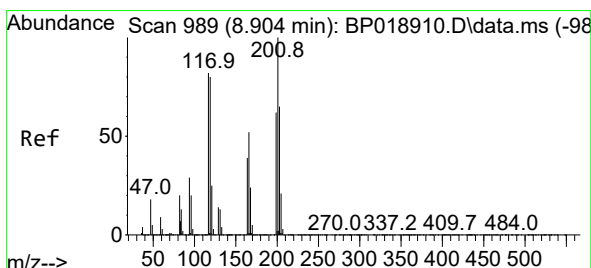
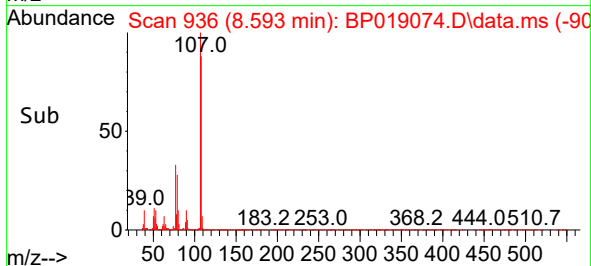
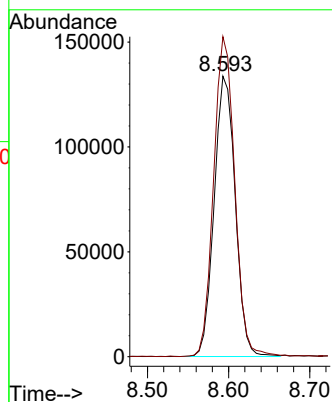
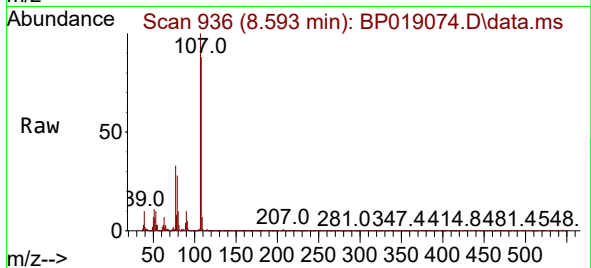
SSTD020745

Tgt Ion:108 Resp: 242166

Ion Ratio Lower Upper

108 100

107 114.1 90.6 136.0



#19

Hexachloroethane

Concen: 18.466 ng/ul

RT: 8.887 min Scan# 986

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

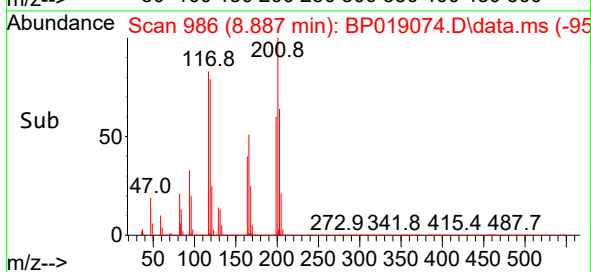
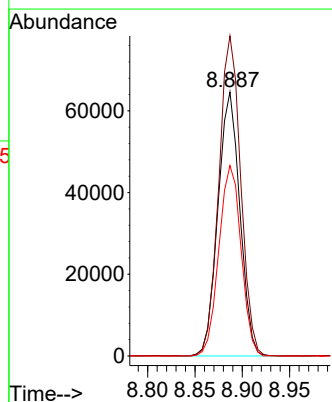
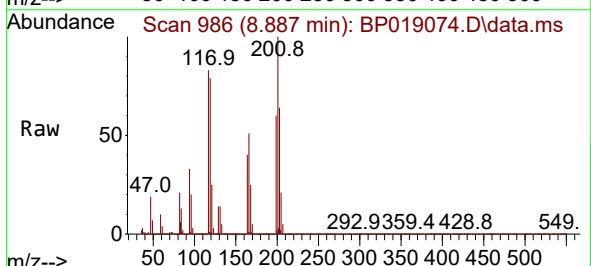
Tgt Ion:117 Resp: 103879

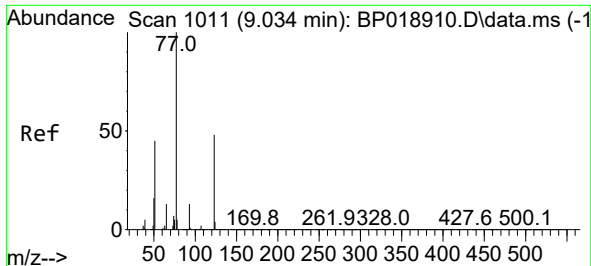
Ion Ratio Lower Upper

117 100

201 121.2 83.7 125.5

199 72.1 52.3 78.5

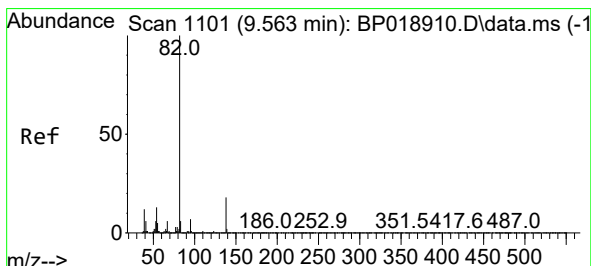
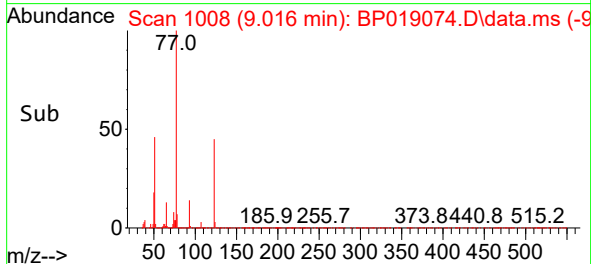
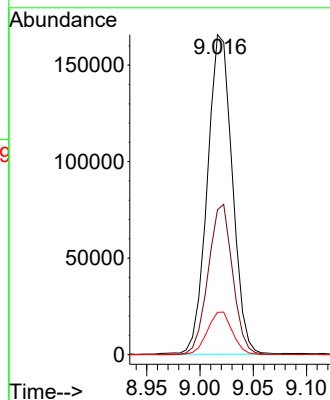
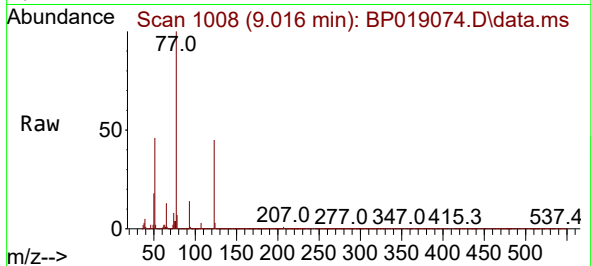




#22
Nitrobenzene
Concen: 19.283 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

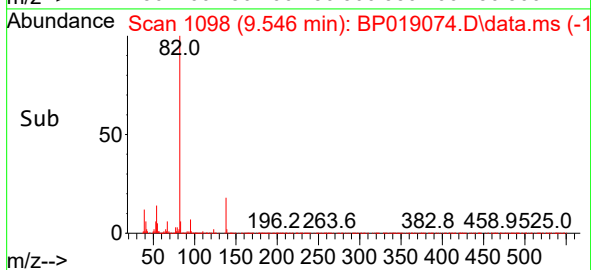
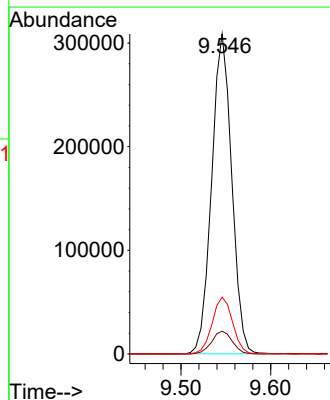
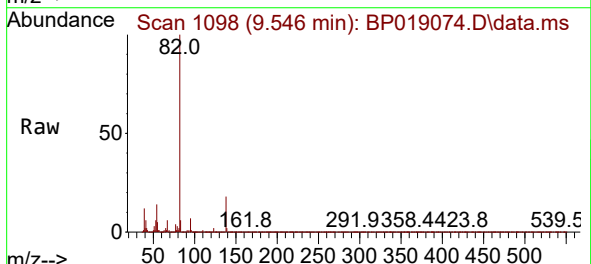
Instrument :
BNA_P
ClientSampleId :
SSTD020745

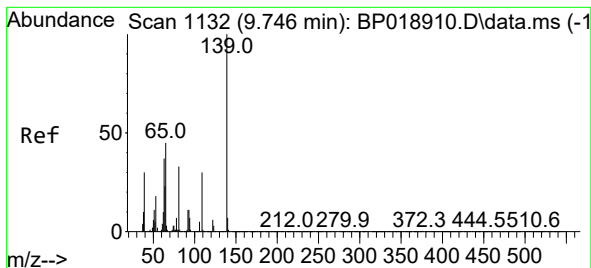
Tgt Ion: 77 Resp: 269755
Ion Ratio Lower Upper
77 100
123 45.3 35.8 53.8
65 13.2 10.5 15.7



#23
Isophorone
Concen: 16.783 ng/ul
RT: 9.546 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion: 82 Resp: 478707
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.8 13.5 20.3

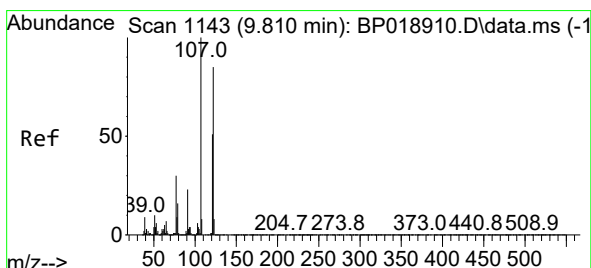
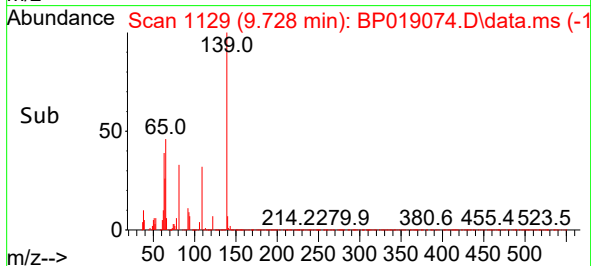
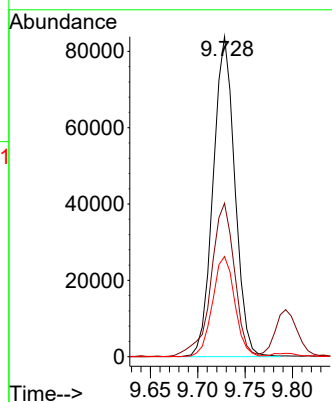
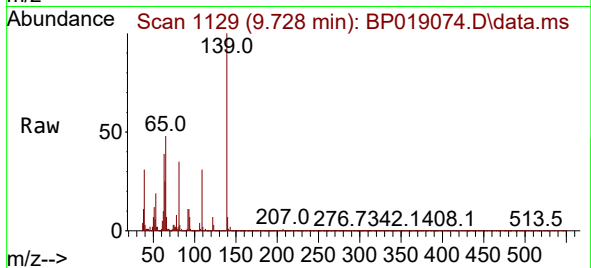




#25
2-Nitrophenol
Concen: 20.942 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

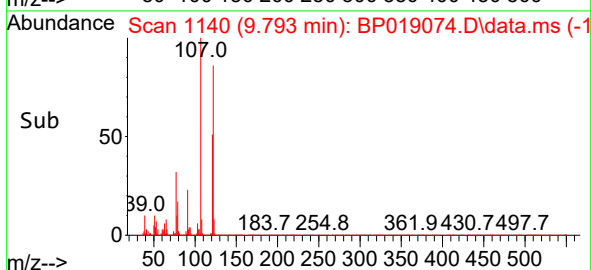
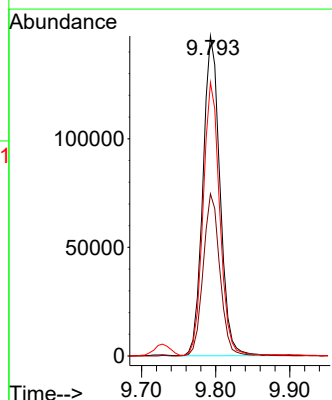
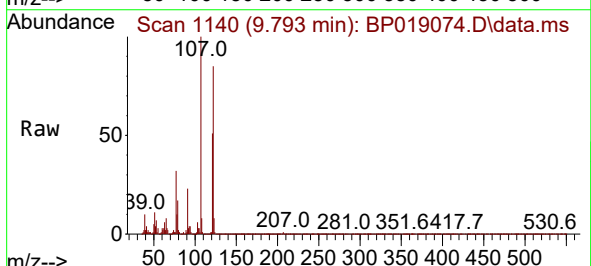
Instrument :
BNA_P
ClientSampleId :
SSTD020745

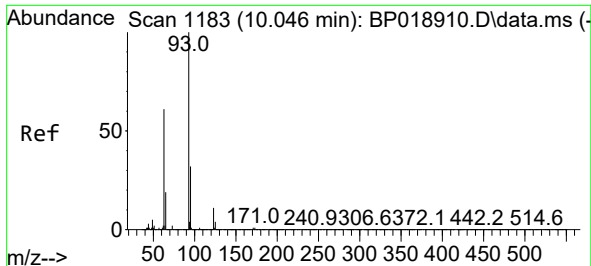
Tgt Ion:139 Resp: 133762
Ion Ratio Lower Upper
139 100
65 47.9 39.1 58.7
109 31.3 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 18.800 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:107 Resp: 234854
Ion Ratio Lower Upper
107 100
121 50.7 40.0 60.0
122 85.5 69.1 103.7

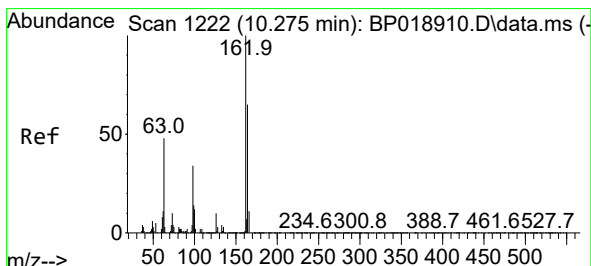
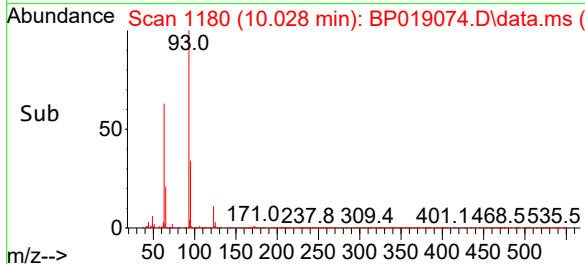
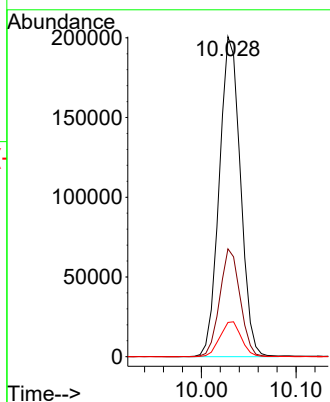
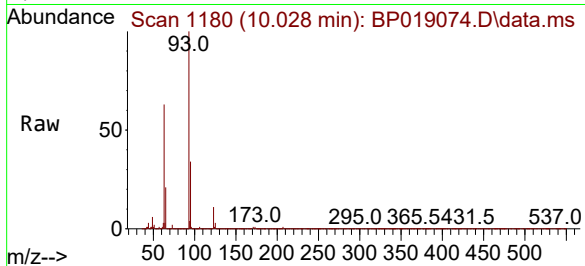




#27
Bis(2-Chloroethoxy)methane
Concen: 17.326 ng/ul
RT: 10.028 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

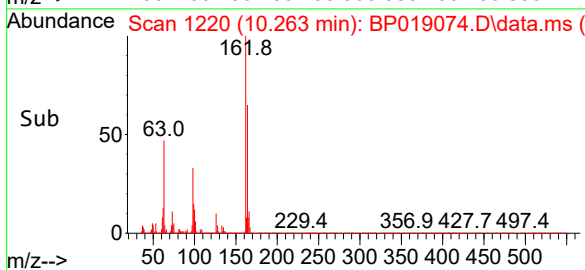
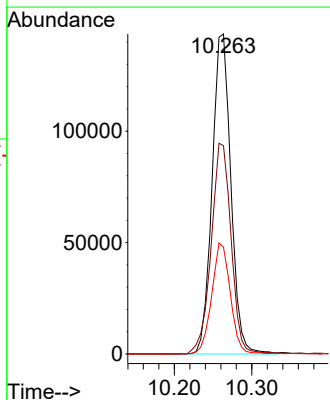
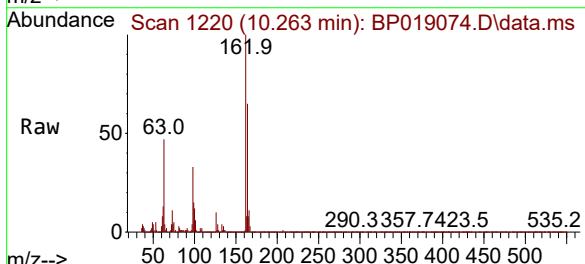
Instrument :
BNA_P
ClientSampleId :
SSTD020745

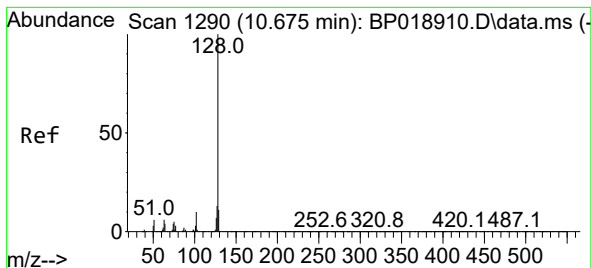
Tgt Ion: 93 Resp: 312006
Ion Ratio Lower Upper
93 100
95 33.7 26.1 39.1
123 10.7 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 20.586 ng/ul
RT: 10.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion: 162 Resp: 241876
Ion Ratio Lower Upper
162 100
164 65.1 51.7 77.5
98 33.4 29.2 43.8





#30

Naphthalene

Concen: 19.358 ng/ul

RT: 10.658 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

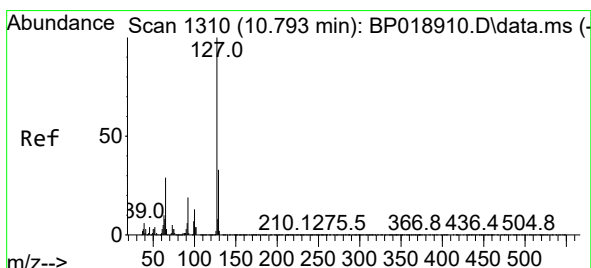
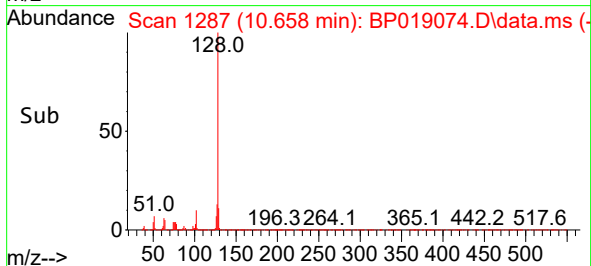
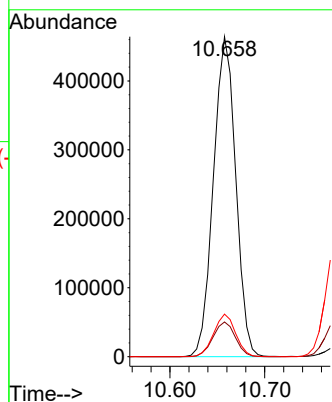
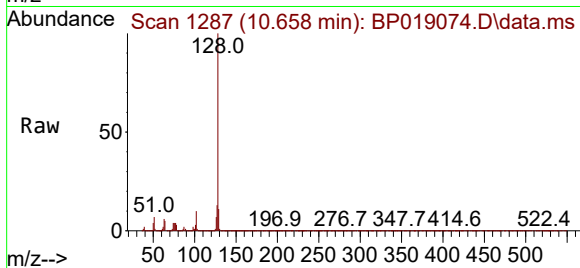
Tgt Ion:128 Resp: 759190

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.3 10.5 15.7



#32

4-Chloroaniline

Concen: 19.373 ng/ul

RT: 10.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BP019074.D

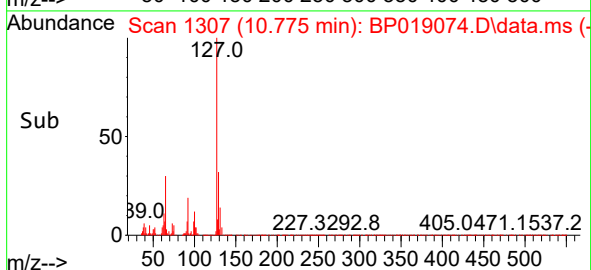
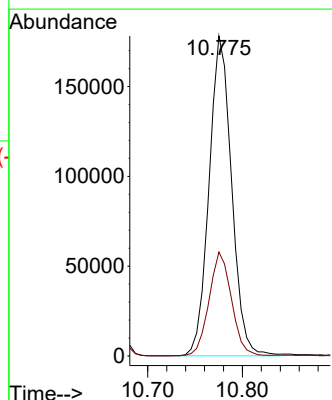
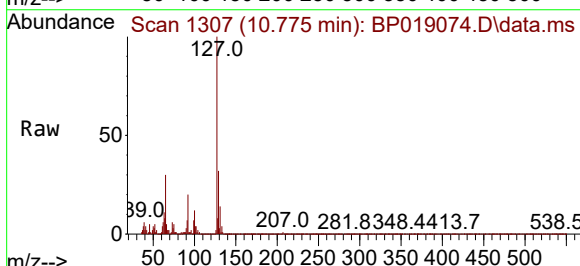
Acq: 23 Dec 2023 12:25

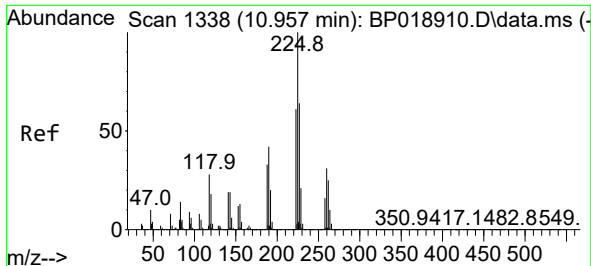
Tgt Ion:127 Resp: 294356

Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

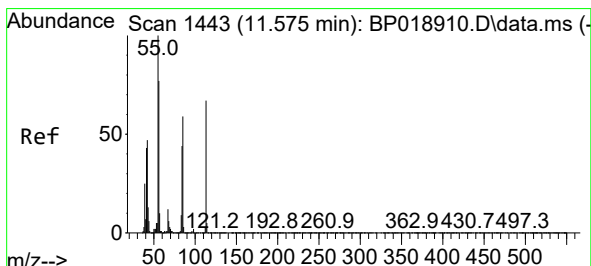
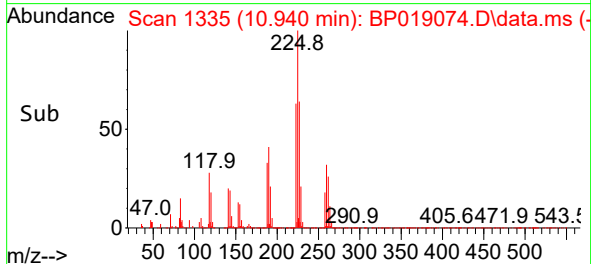
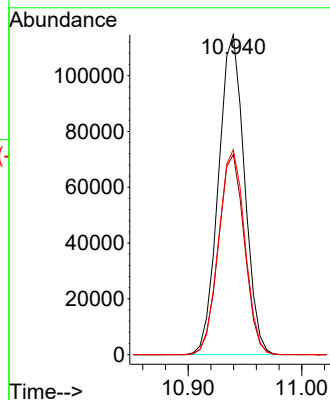
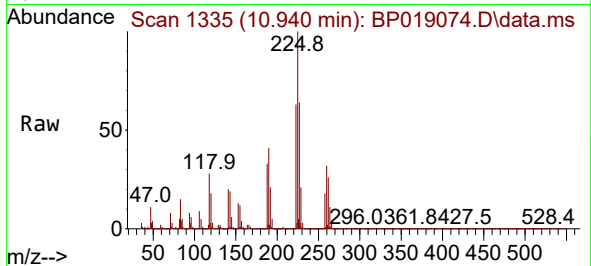




#33
Hexachlorobutadiene
Concen: 23.191 ng/ul
RT: 10.940 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

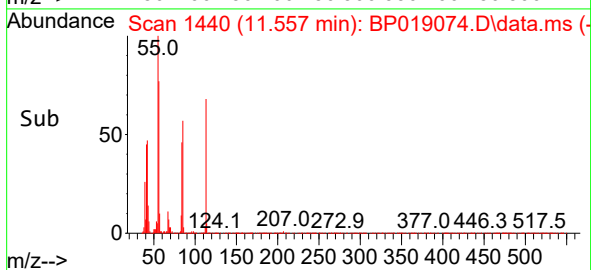
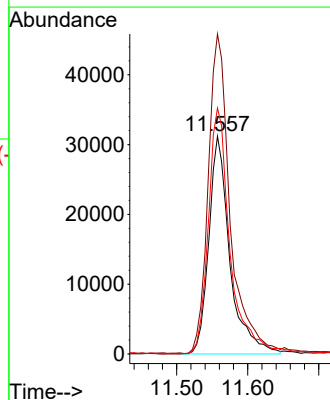
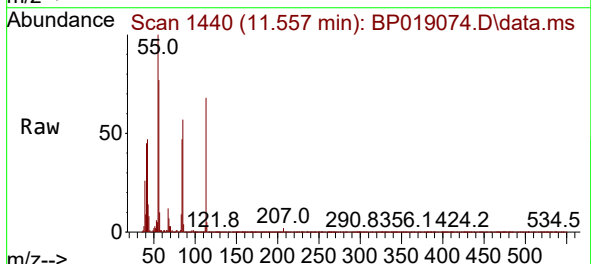
Instrument :
BNA_P
ClientSampleId :
SSTD020745

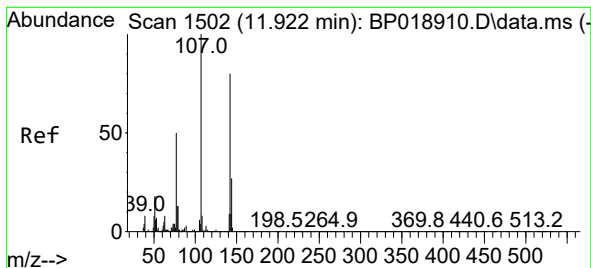
Tgt Ion:225 Resp: 182490
Ion Ratio Lower Upper
225 100
223 62.5 49.5 74.3
227 64.1 50.9 76.3



#34
Caprolactam
Concen: 17.827 ng/ul
RT: 11.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:113 Resp: 64224
Ion Ratio Lower Upper
113 100
55 146.9 133.7 200.5
56 112.9 97.4 146.2

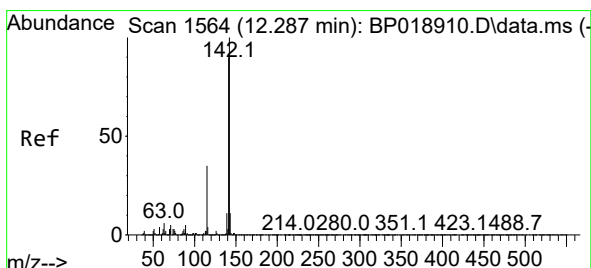
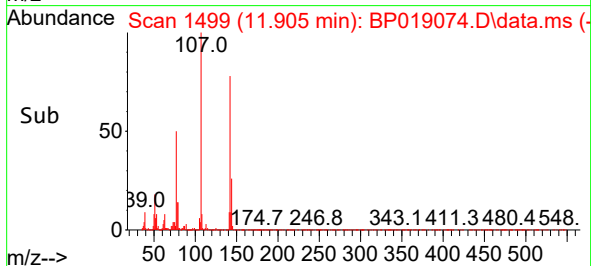
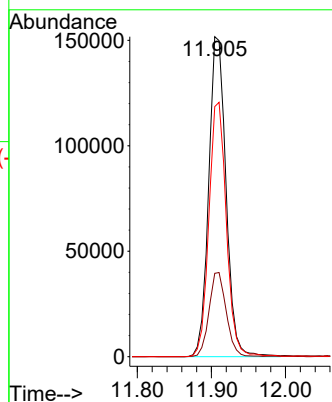
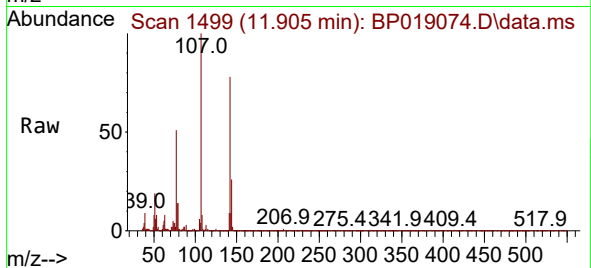




#35
4-Chloro-3-methylphenol
Concen: 18.740 ng/ul
RT: 11.905 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

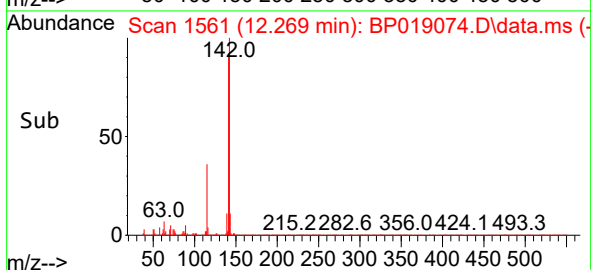
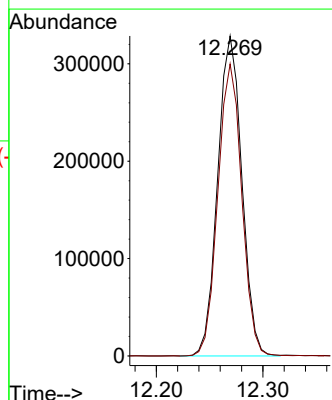
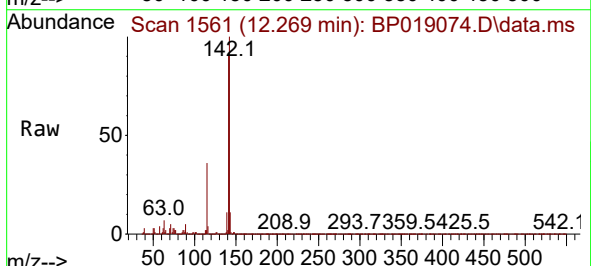
Instrument :
BNA_P
ClientSampleId :
SSTD020745

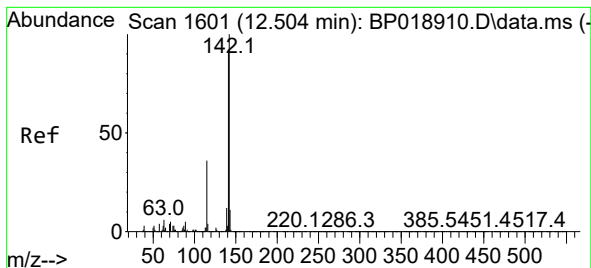
Tgt Ion:107 Resp: 246658
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 78.1 63.6 95.4



#36
2-Methylnaphthalene
Concen: 18.613 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:142 Resp: 517144
Ion Ratio Lower Upper
142 100
141 91.3 71.4 107.0





#37

1-Methylnaphthalene

Concen: 18.685 ng/ul

RT: 12.487 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

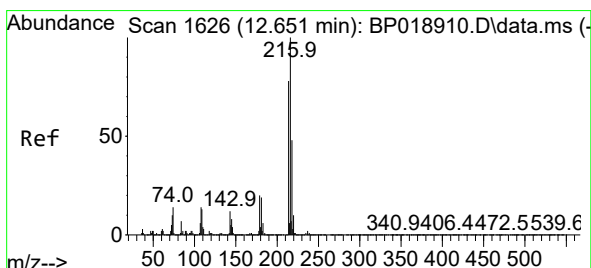
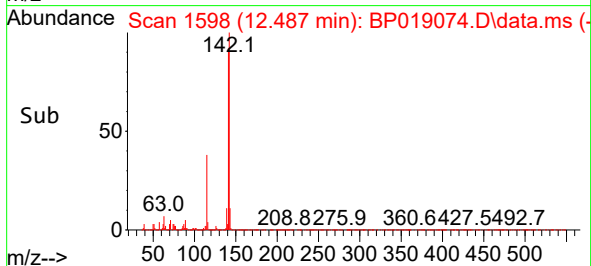
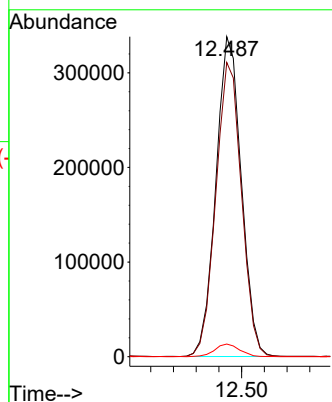
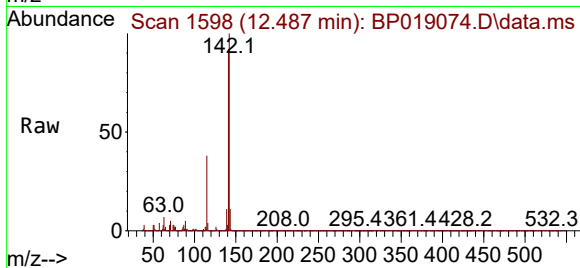
Tgt Ion:142 Resp: 524267

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3

116 4.0 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.099 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Tgt Ion:216 Resp: 333530

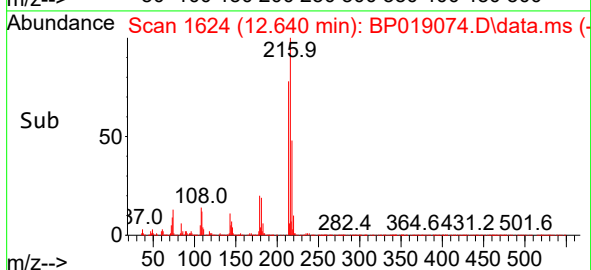
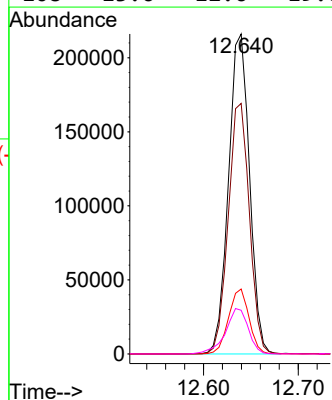
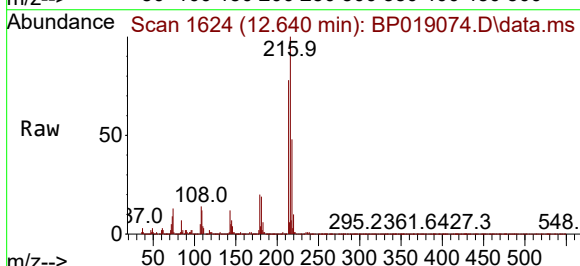
Ion Ratio Lower Upper

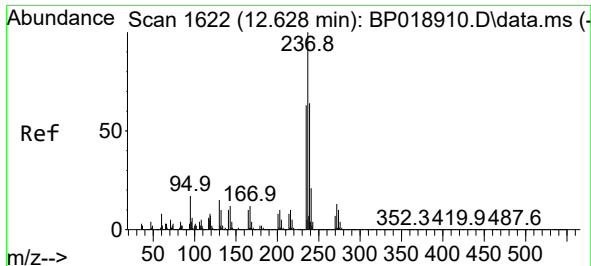
216 100

214 78.3 63.9 95.9

179 20.3 16.3 24.5

108 13.6 12.6 19.0

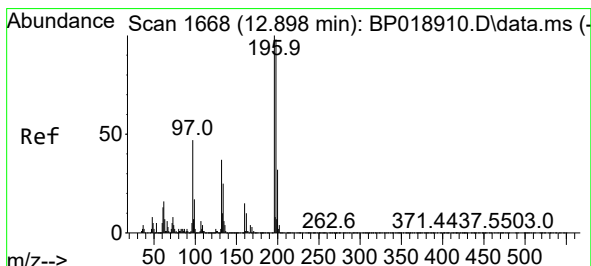
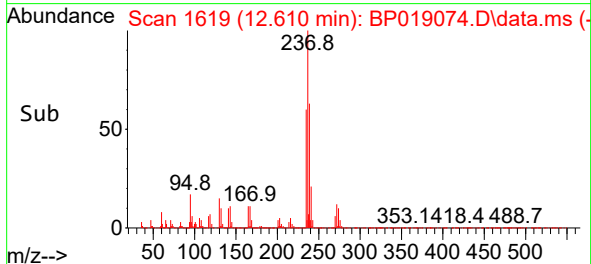
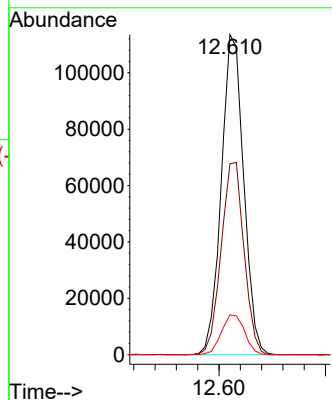
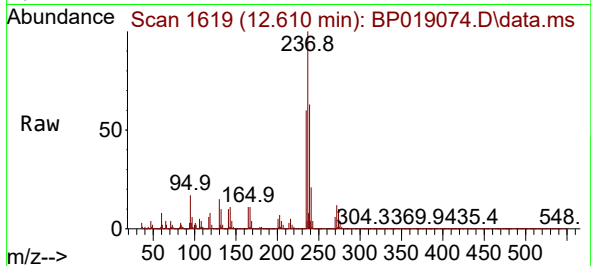




#40
Hexachlorocyclopentadiene
Concen: 18.468 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

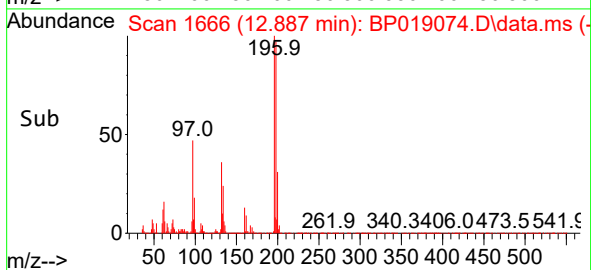
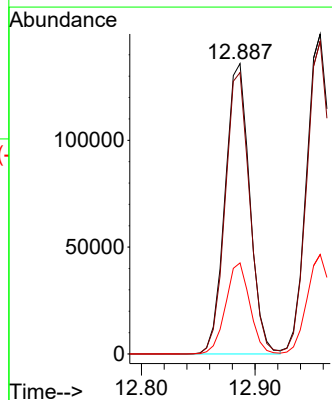
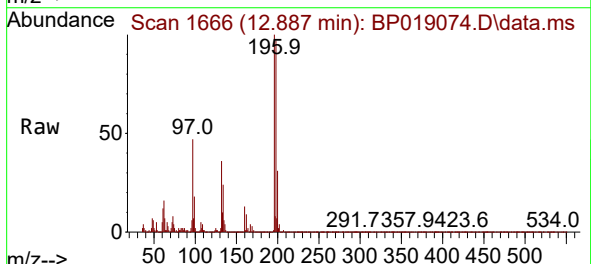
Instrument :
BNA_P
ClientSampleId :
SSTD020745

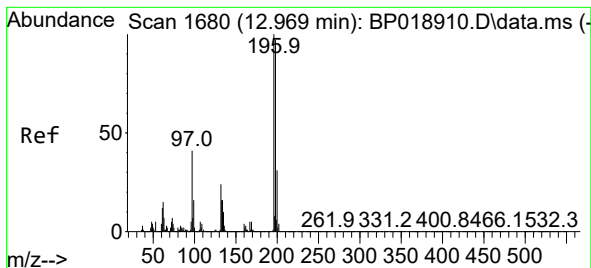
Tgt Ion:237 Resp: 165214
Ion Ratio Lower Upper
237 100
235 59.7 49.4 74.0
272 12.5 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 21.129 ng/ul
RT: 12.887 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:196 Resp: 205144
Ion Ratio Lower Upper
196 100
198 96.9 76.9 115.3
200 31.4 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 21.539 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

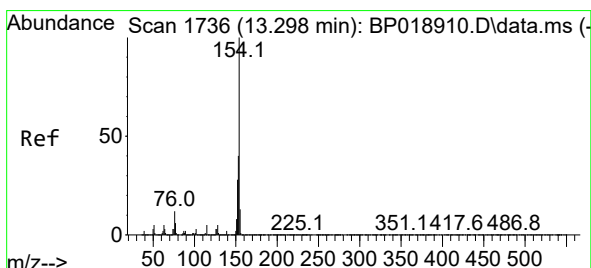
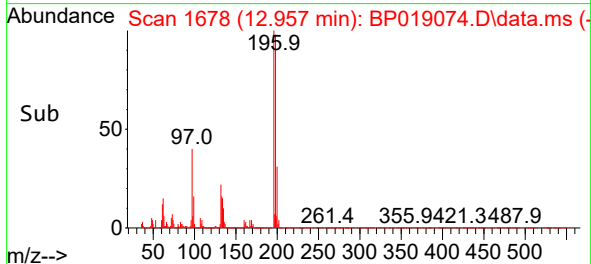
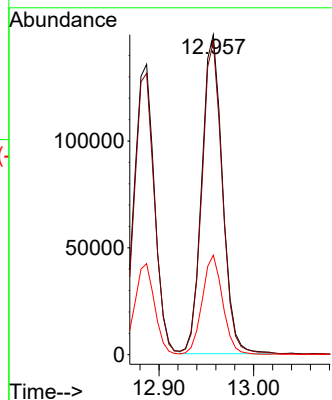
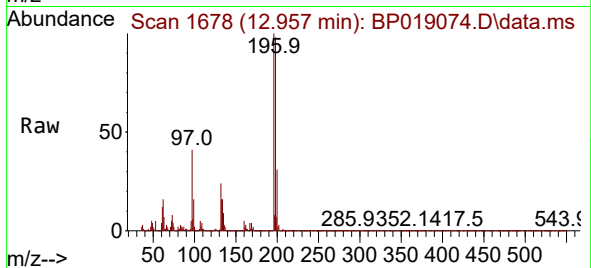
Tgt Ion:196 Resp: 226718

Ion Ratio Lower Upper

196 100

198 97.7 77.9 116.9

200 31.1 25.2 37.8



#43

1,1'-Biphenyl

Concen: 19.453 ng/ul

RT: 13.281 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

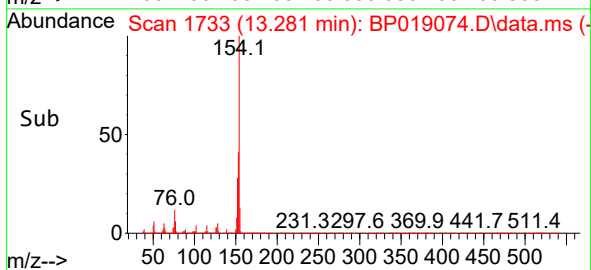
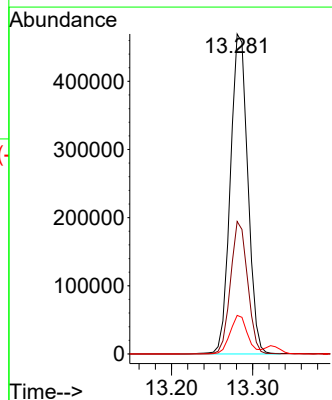
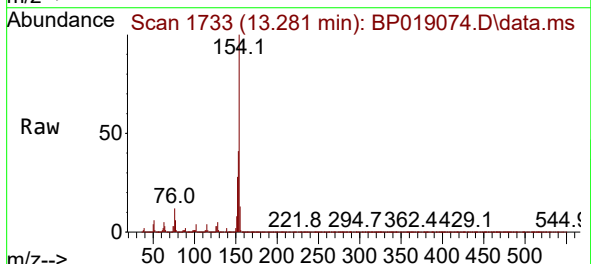
Tgt Ion:154 Resp: 699877

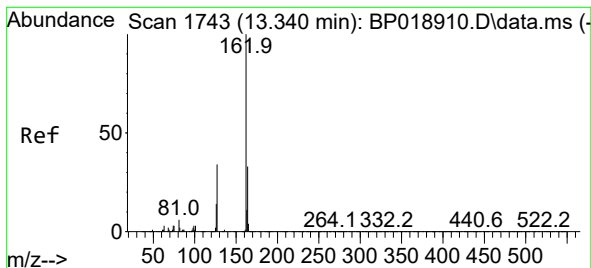
Ion Ratio Lower Upper

154 100

153 41.4 32.8 49.2

76 12.1 10.7 16.1





#44

2-Chloronaphthalene

Concen: 20.057 ng/ul

RT: 13.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

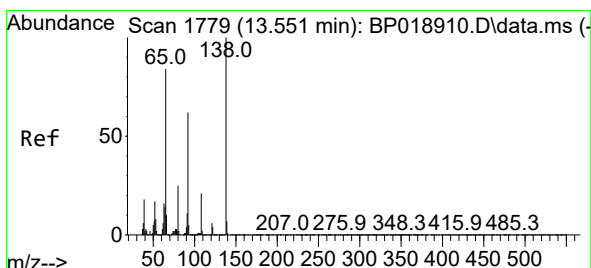
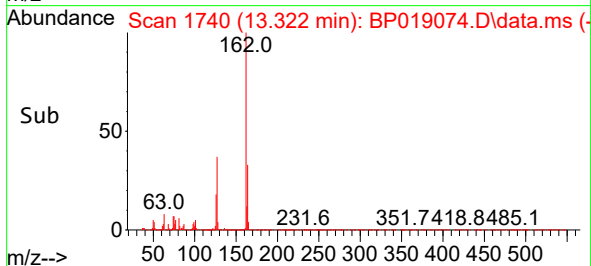
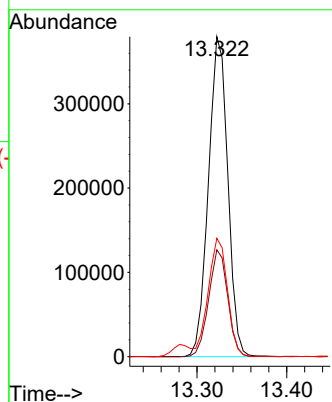
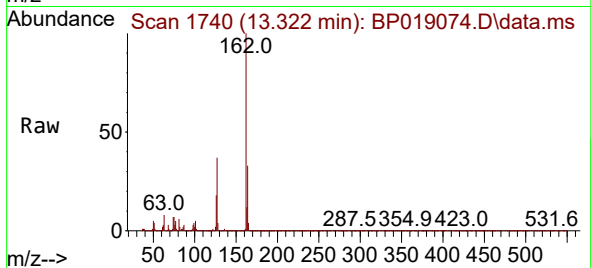
Tgt Ion:162 Resp: 569921

Ion Ratio Lower Upper

162 100

164 33.4 25.7 38.5

127 37.0 30.3 45.5



#45

2-Nitroaniline

Concen: 18.859 ng/ul

RT: 13.540 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

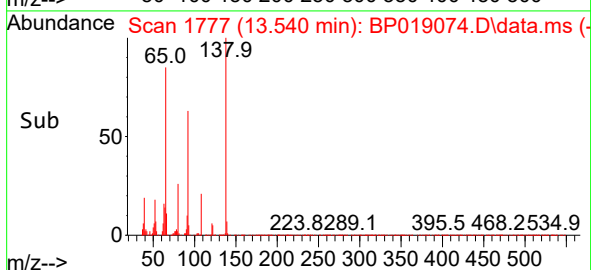
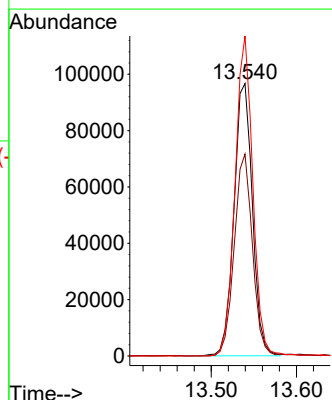
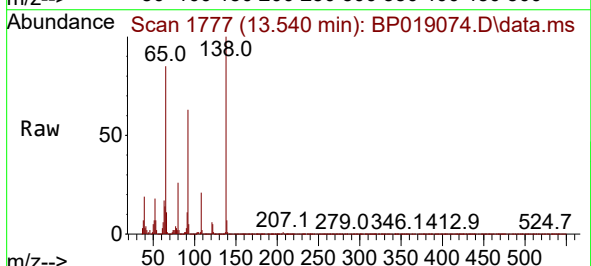
Tgt Ion: 65 Resp: 145277

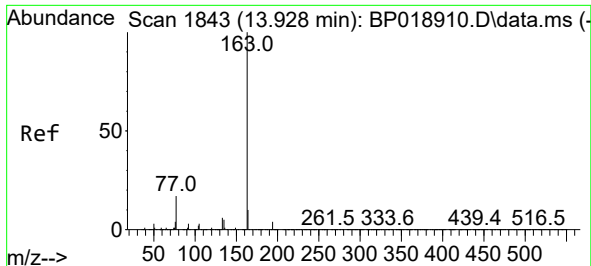
Ion Ratio Lower Upper

65 100

92 74.1 56.9 85.3

138 117.5 88.2 132.2

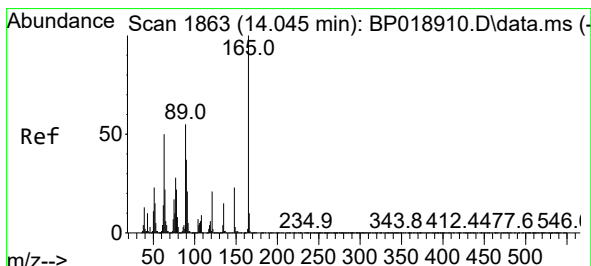
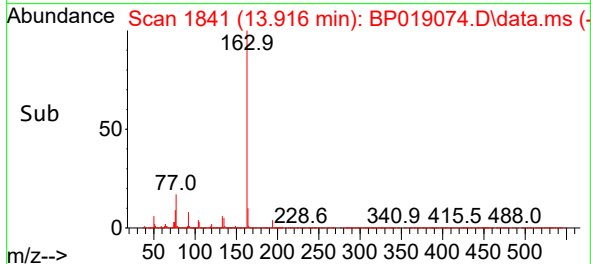
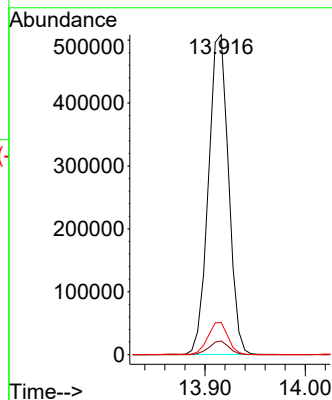
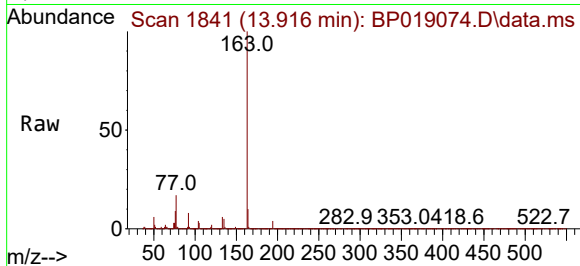




#47
Dimethylphthalate
Concen: 19.373 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

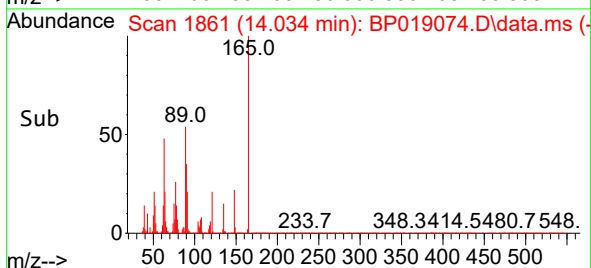
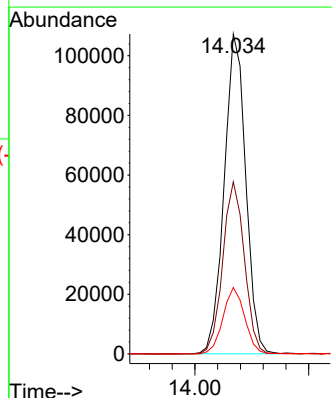
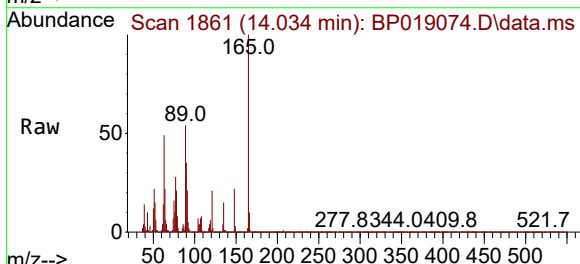
Instrument :
BNA_P
ClientSampleId :
SSTD020745

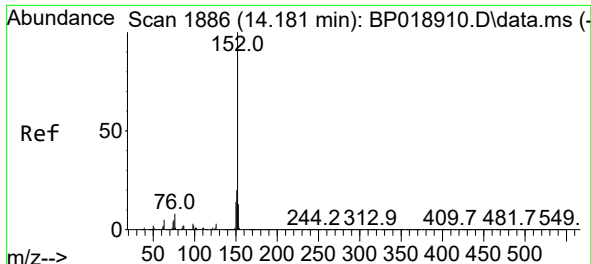
Tgt Ion:163 Resp: 708017
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.467 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:165 Resp: 141323
Ion Ratio Lower Upper
165 100
89 53.8 46.6 70.0
121 20.8 17.3 25.9

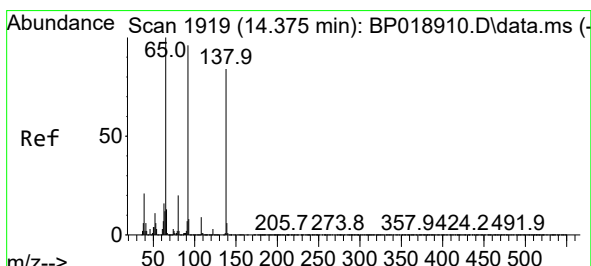
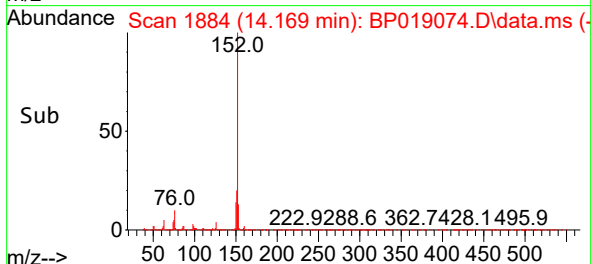
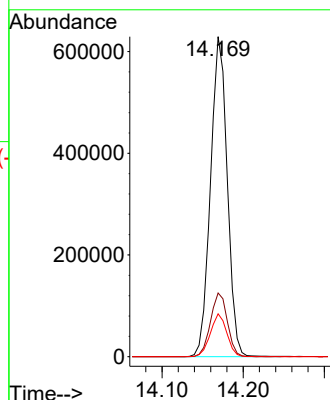
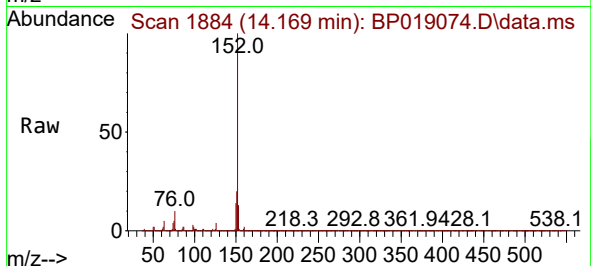




#50
Acenaphthylene
Concen: 19.587 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

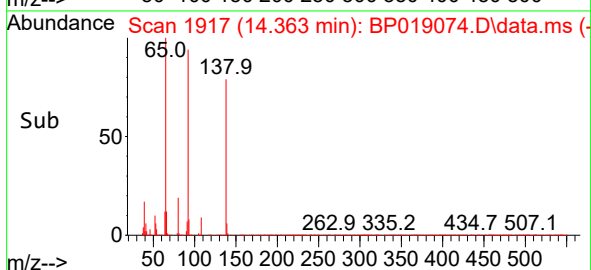
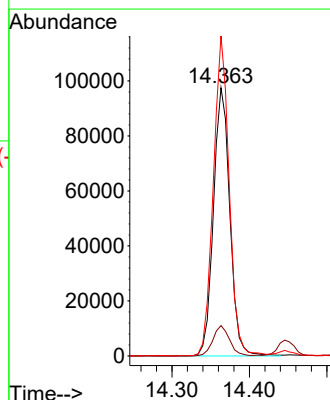
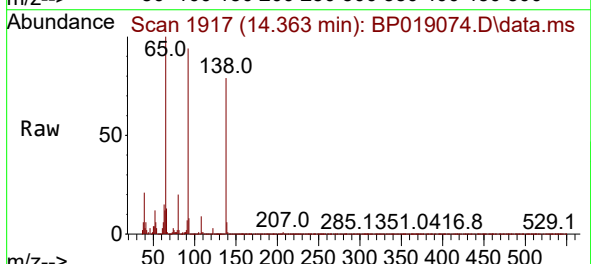
Instrument :
BNA_P
ClientSampleId :
SSTD020745

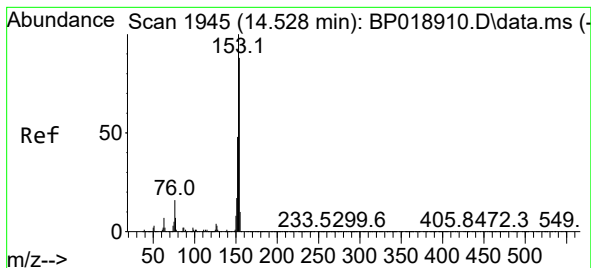
Tgt Ion:152 Resp: 900326
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.6 16.0



#51
3-Nitroaniline
Concen: 20.773 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:138 Resp: 143181
Ion Ratio Lower Upper
138 100
108 11.3 9.5 14.3
92 119.3 93.1 139.7





#52

Acenaphthene

Concen: 19.744 ng/ul

RT: 14.510 min Scan# 1942

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

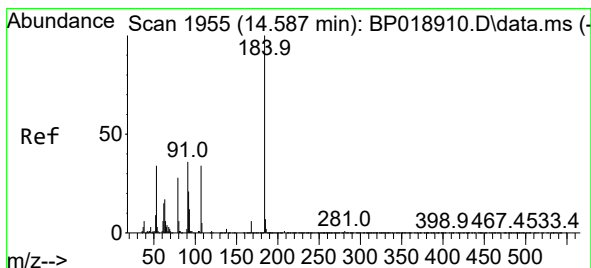
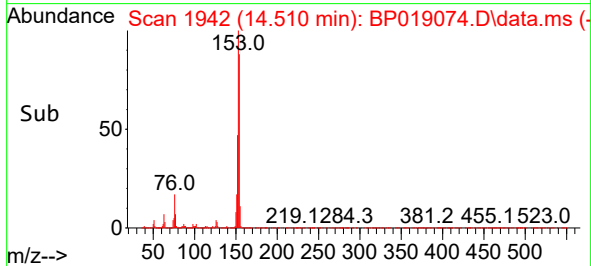
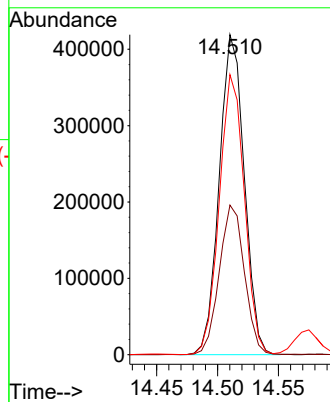
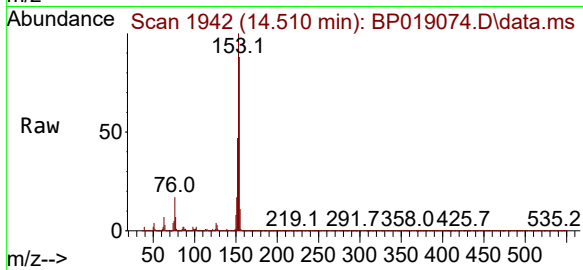
Tgt Ion:153 Resp: 600062

Ion Ratio Lower Upper

153 100

152 46.8 38.1 57.1

154 87.5 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 21.039 ng/ul

RT: 14.575 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

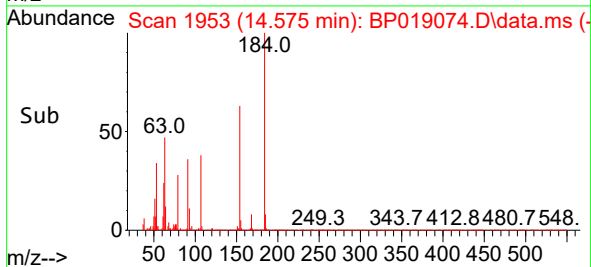
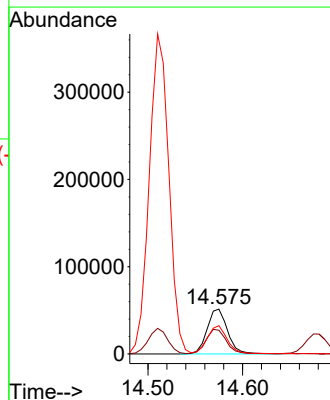
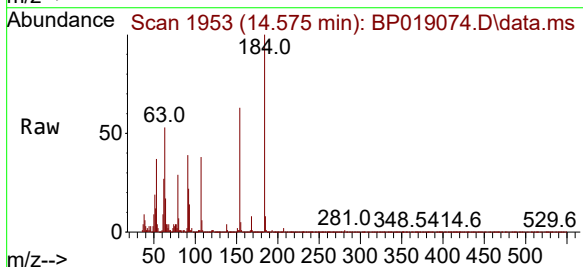
Tgt Ion:184 Resp: 76990

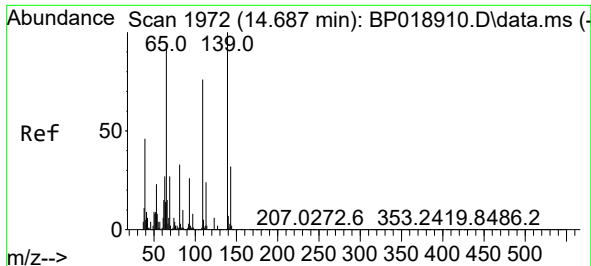
Ion Ratio Lower Upper

184 100

63 52.9 48.2 72.4

154 63.3 49.1 73.7

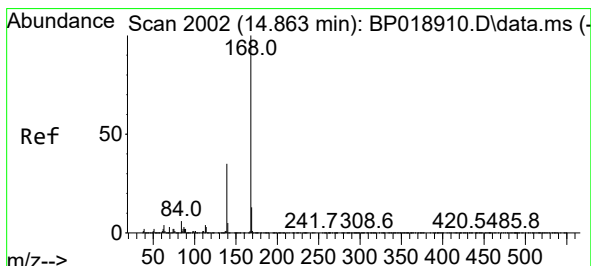
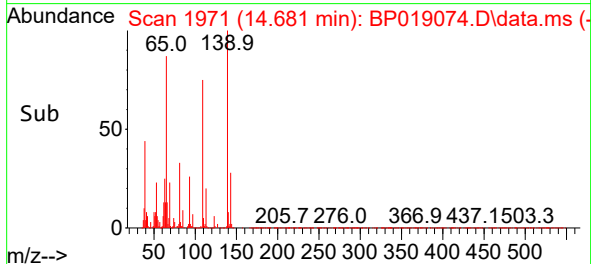
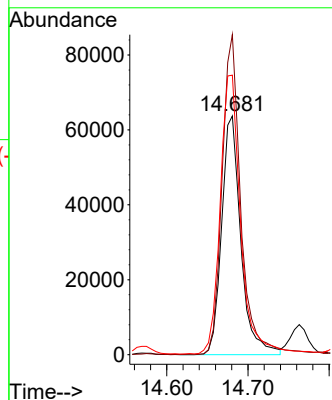
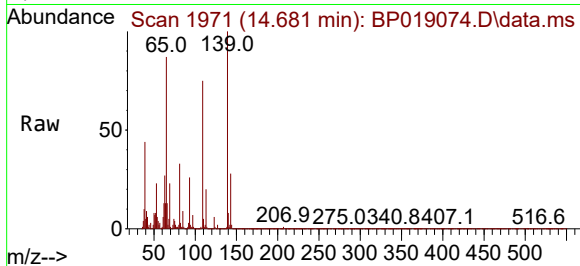




#55
4-Nitrophenol
Concen: 22.747 ng/ul
RT: 14.681 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

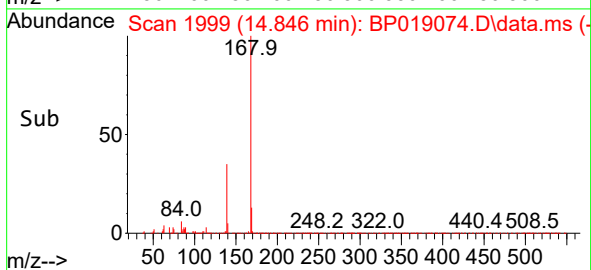
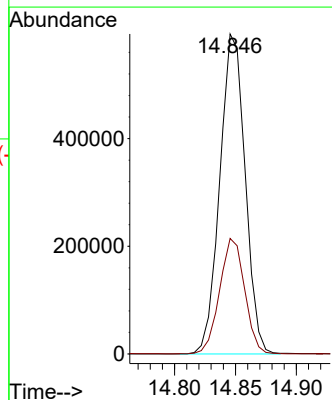
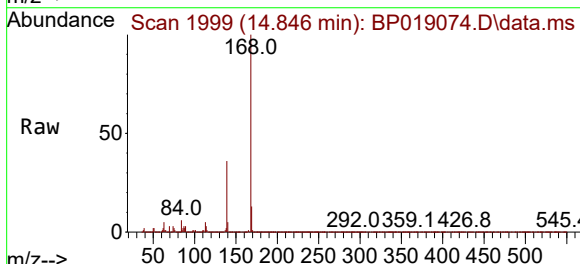
Instrument :
BNA_P
ClientSampleId :
SSTD020745

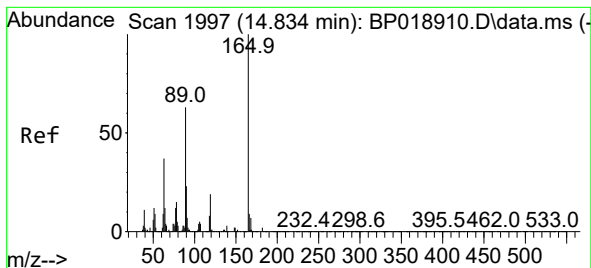
Tgt Ion:109 Resp: 104736
Ion Ratio Lower Upper
109 100
139 134.1 109.0 163.4
65 117.1 106.2 159.4



#56
Dibenzofuran
Concen: 20.352 ng/ul
RT: 14.846 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:168 Resp: 859664
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7

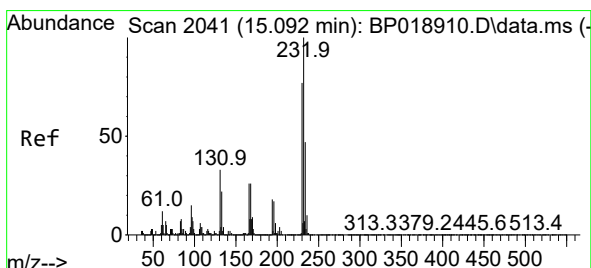
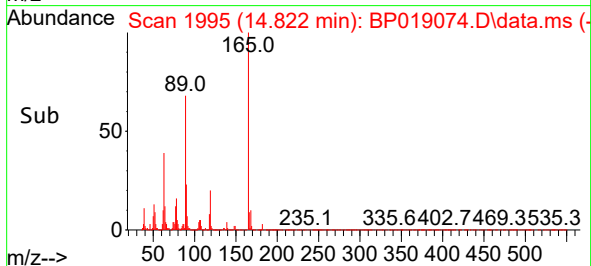
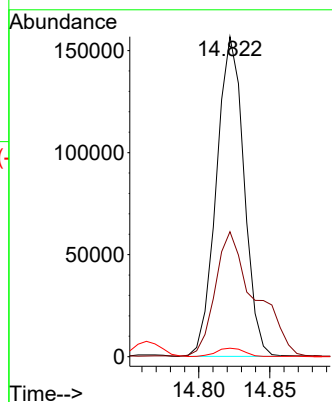
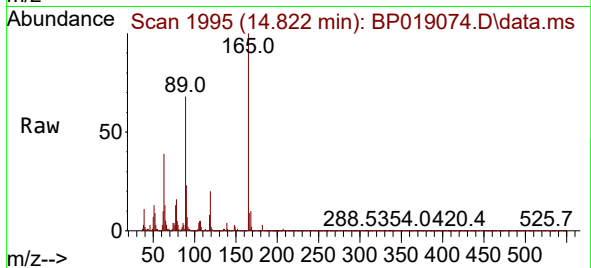




#57
2,4-Dinitrotoluene
Concen: 21.768 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

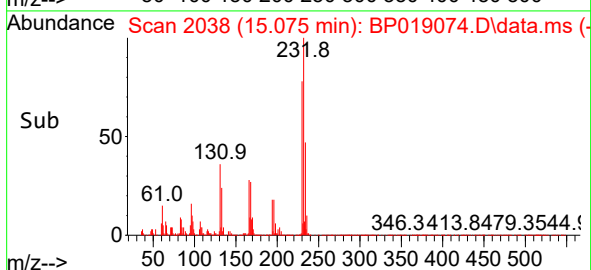
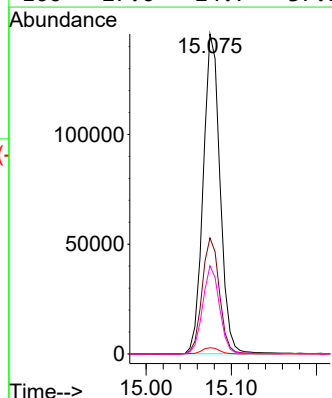
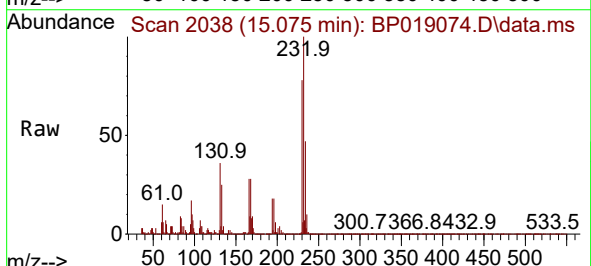
Instrument :
BNA_P
ClientSampleId :
SSTD020745

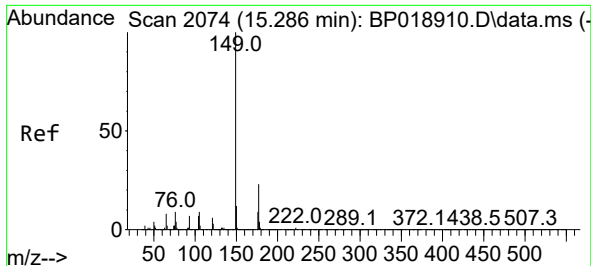
Tgt Ion:165 Resp: 211424
Ion Ratio Lower Upper
165 100
63 39.1 32.7 49.1
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.690 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:232 Resp: 200335
Ion Ratio Lower Upper
232 100
131 36.2 33.8 50.8
130 2.0 1.8 2.8
166 27.6 24.7 37.1

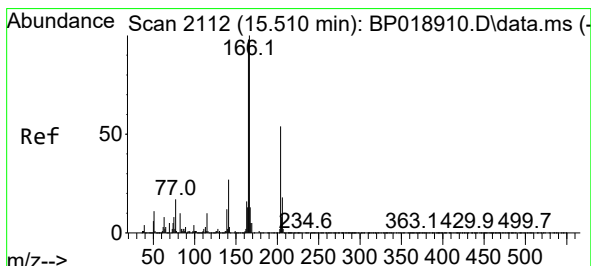
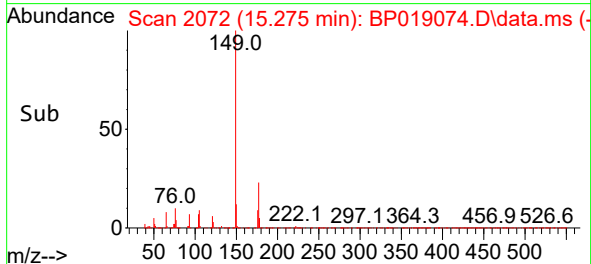
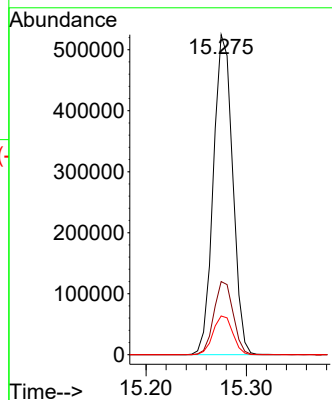
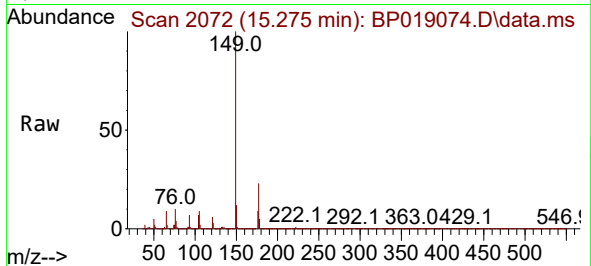




#59
Diethylphthalate
Concen: 19.615 ng/ul
RT: 15.275 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

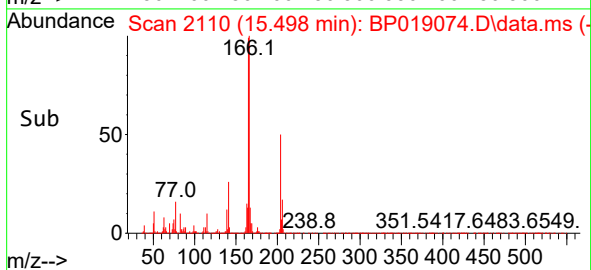
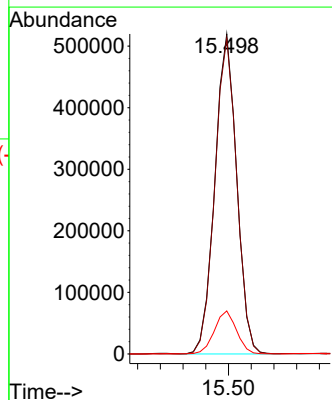
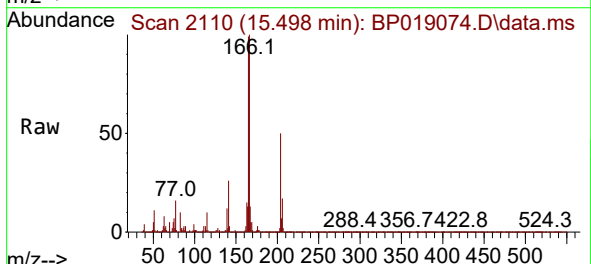
Instrument :
BNA_P
ClientSampleId :
SSTD020745

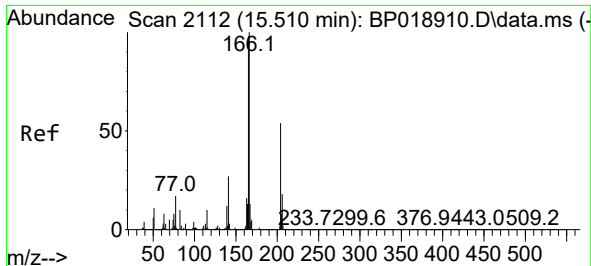
Tgt Ion:149 Resp: 701499
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.1 9.9 14.9



#61
Fluorene
Concen: 20.771 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:166 Resp: 694225
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 13.5 10.8 16.2

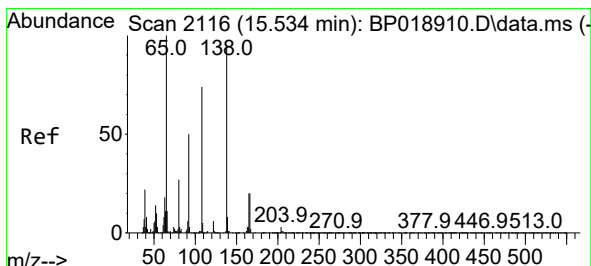
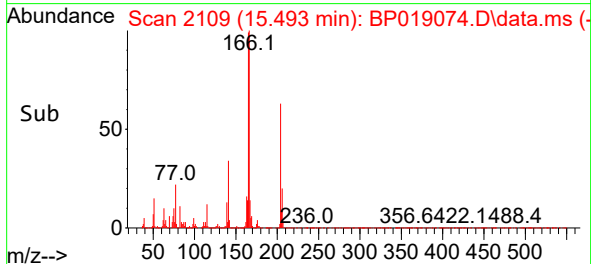
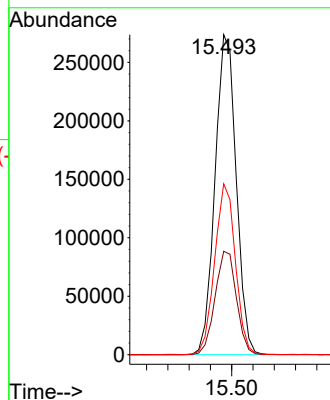
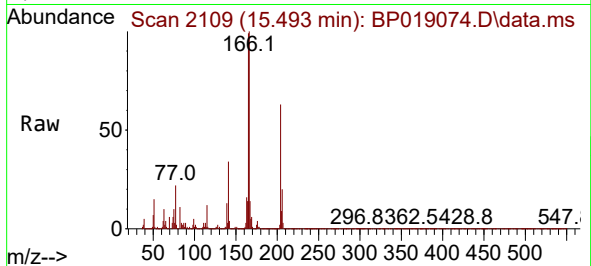




#62
4-Chlorophenyl-phenylether
Concen: 21.543 ng/ul
RT: 15.493 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

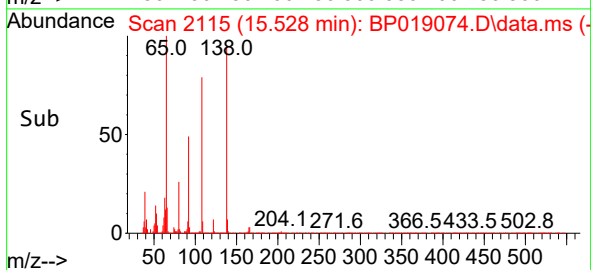
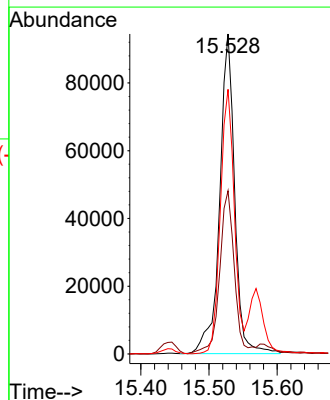
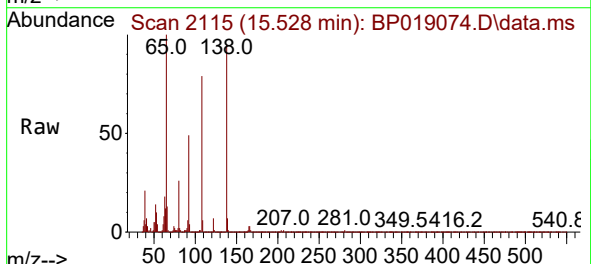
Instrument :
BNA_P
ClientSampleId :
SSTD020745

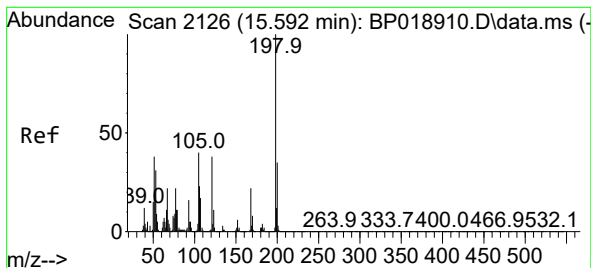
Tgt Ion:204 Resp: 377623
Ion Ratio Lower Upper
204 100
206 32.3 27.1 40.7
141 53.4 45.8 68.8



#63
4-Nitroaniline
Concen: 22.049 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:138 Resp: 144783
Ion Ratio Lower Upper
138 100
92 51.0 42.3 63.5
108 82.7 62.0 93.0

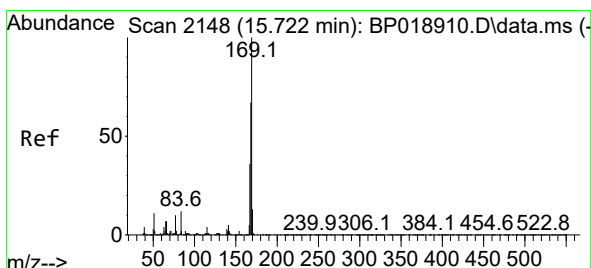
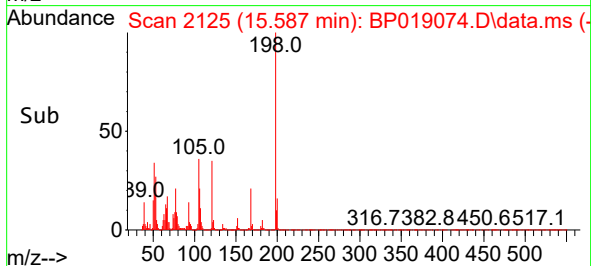
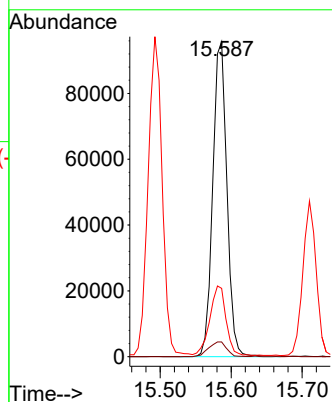
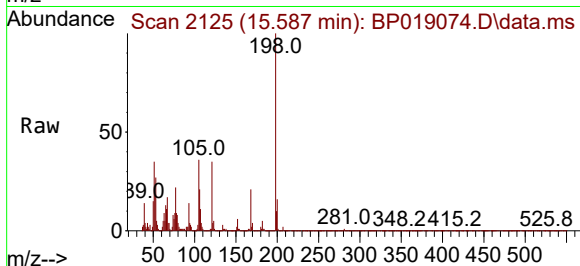




#66
4,6-Dinitro-2-methylphenol
Concen: 21.139 ng/ul
RT: 15.587 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

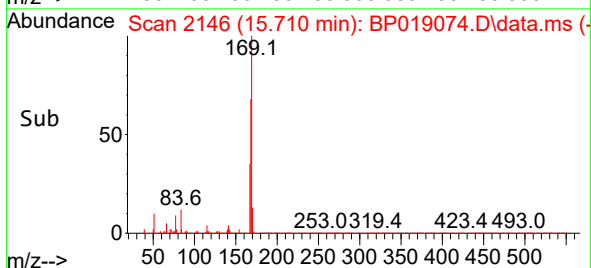
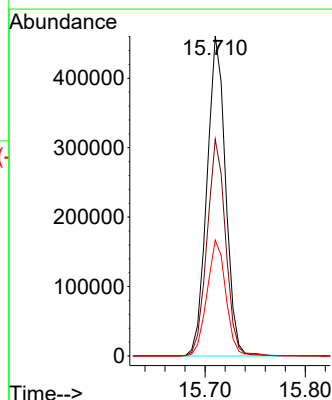
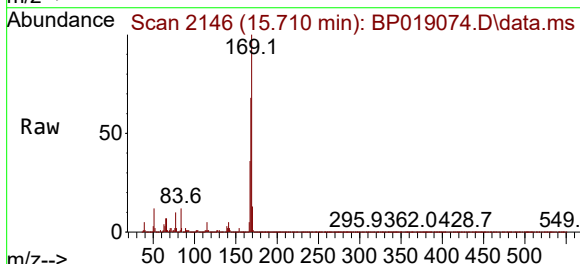
Instrument :
BNA_P
ClientSampleId :
SSTD020745

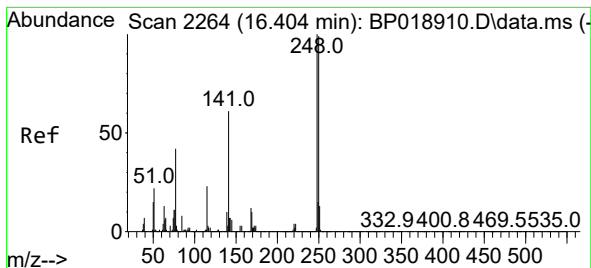
Tgt Ion:198 Resp: 132308
Ion Ratio Lower Upper
198 100
182 4.7 3.4 5.2
77 21.7 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 18.362 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:169 Resp: 594084
Ion Ratio Lower Upper
169 100
168 67.7 53.1 79.7
167 36.2 29.1 43.7

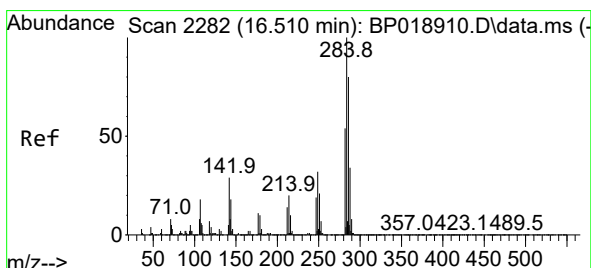
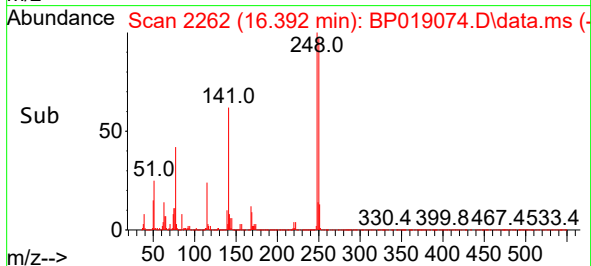
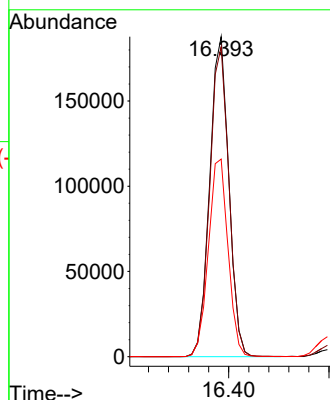
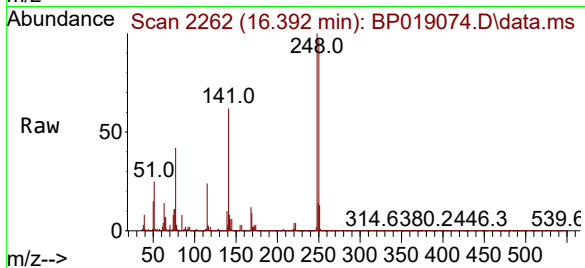




#68
4-Bromophenyl-phenylether
Concen: 20.189 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

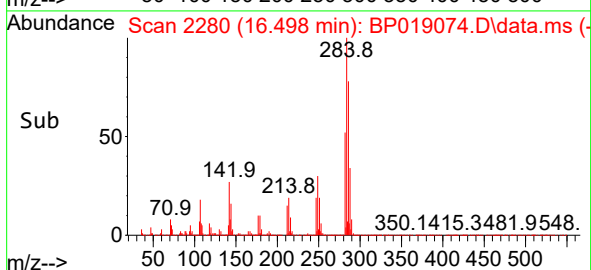
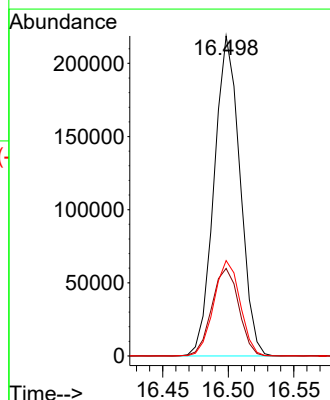
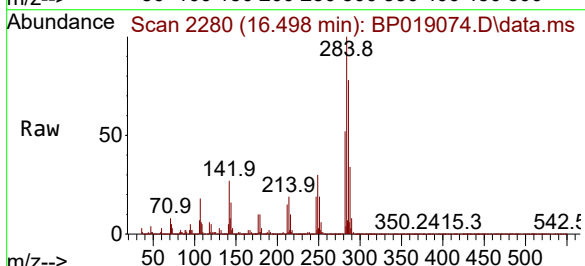
Instrument :
BNA_P
ClientSampleId :
SSTD020745

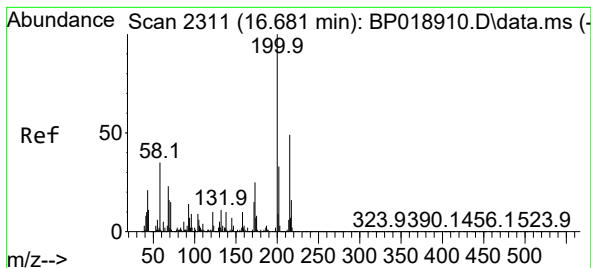
Tgt Ion:248 Resp: 248854
Ion Ratio Lower Upper
248 100
250 96.8 79.3 118.9
141 61.7 57.2 85.8



#69
Hexachlorobenzene
Concen: 21.751 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BP019074.D
Acq: 23 Dec 2023 12:25

Tgt Ion:284 Resp: 299330
Ion Ratio Lower Upper
284 100
142 27.3 25.8 38.6
249 29.8 24.9 37.3





#70

Atrazine

Concen: 15.414 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

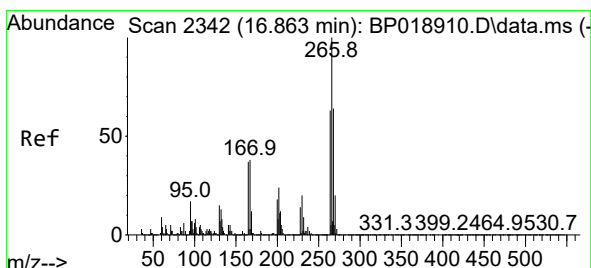
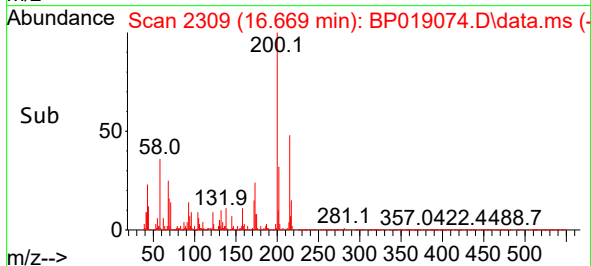
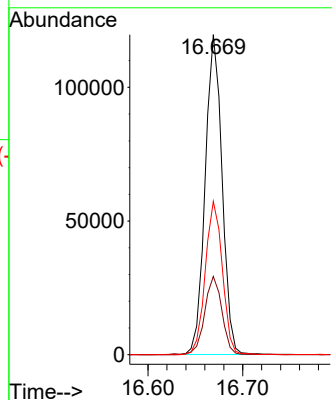
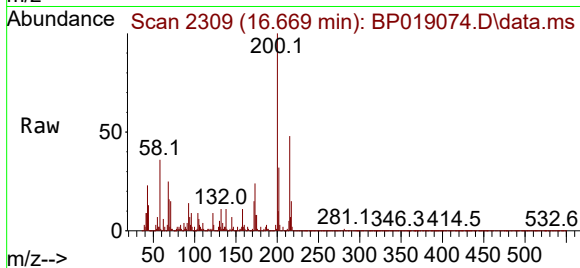
Tgt Ion:200 Resp: 148263

Ion Ratio Lower Upper

200 100

173 24.4 21.0 31.4

215 47.9 38.2 57.2



#71

Pentachlorophenol

Concen: 21.750 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

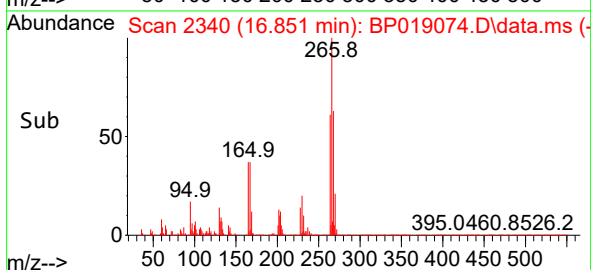
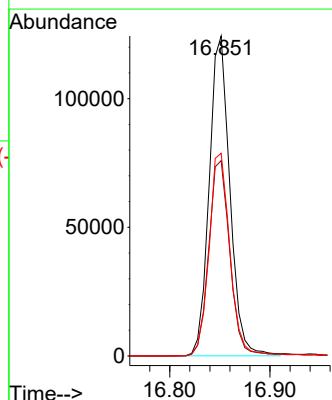
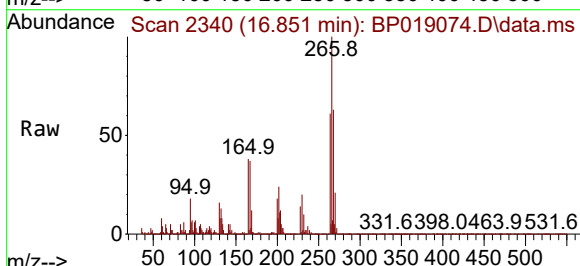
Tgt Ion:266 Resp: 178021

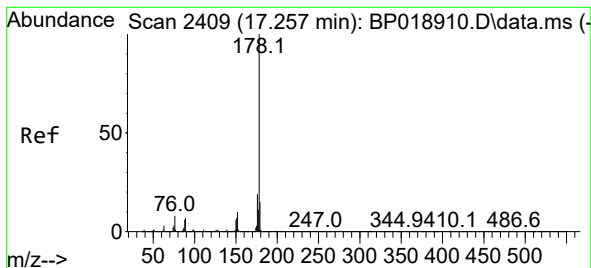
Ion Ratio Lower Upper

266 100

264 61.0 50.2 75.2

268 63.4 50.5 75.7





#72

Phenanthrene

Concen: 19.778 ng/ul

RT: 17.240 min Scan# 2406

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

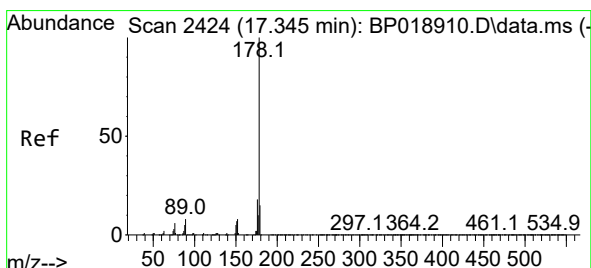
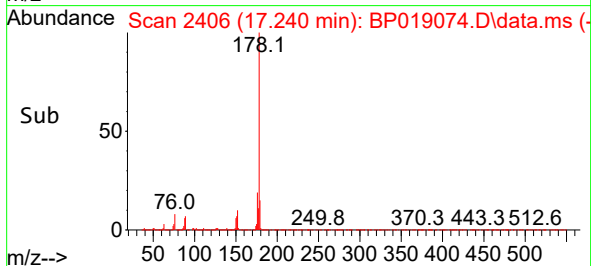
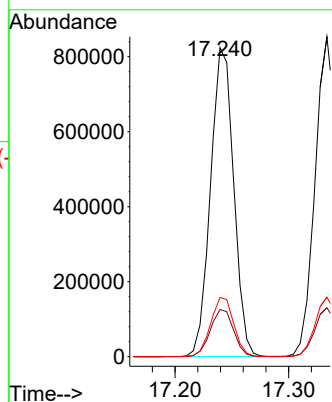
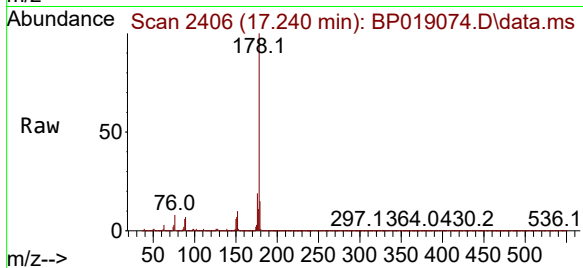
Tgt Ion:178 Resp: 1166279

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.1 15.4 23.2



#74

Anthracene

Concen: 19.998 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

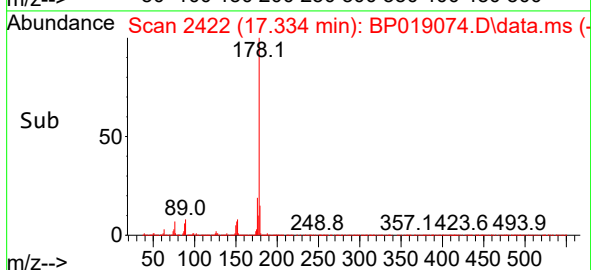
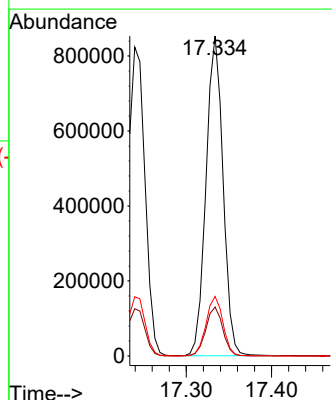
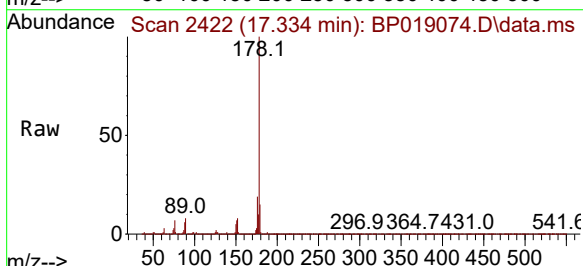
Tgt Ion:178 Resp: 1182036

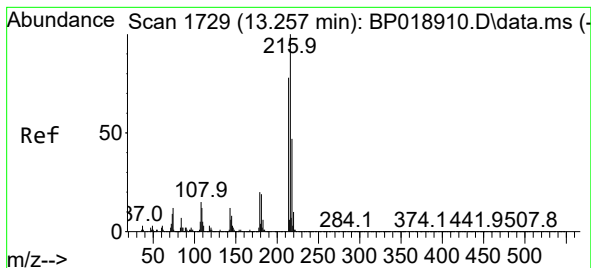
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.528 ng/uL

RT: 13.246 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

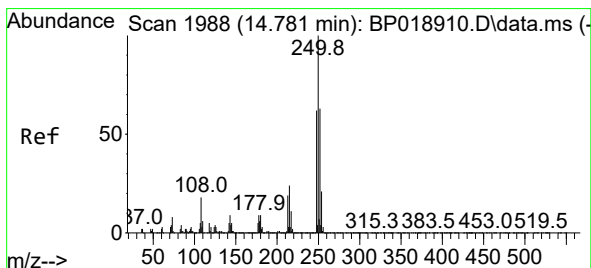
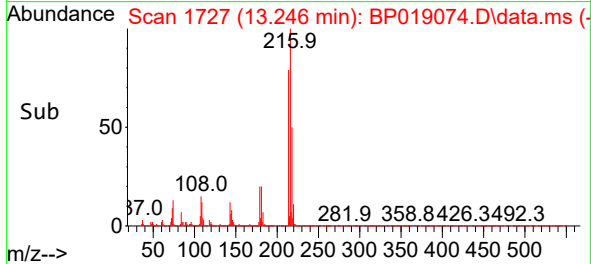
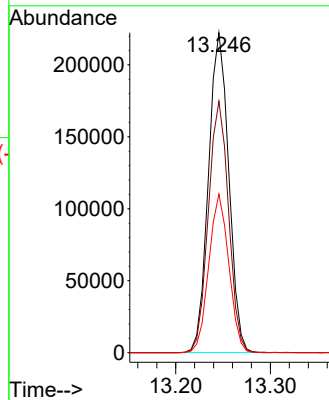
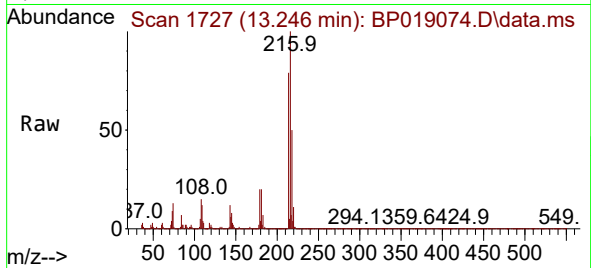
Tgt Ion:216 Resp: 329680

Ion Ratio Lower Upper

216 100

214 78.5 61.4 92.2

218 49.5 39.2 58.8



#76

Pentachlorobenzene

Concen: 20.415 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

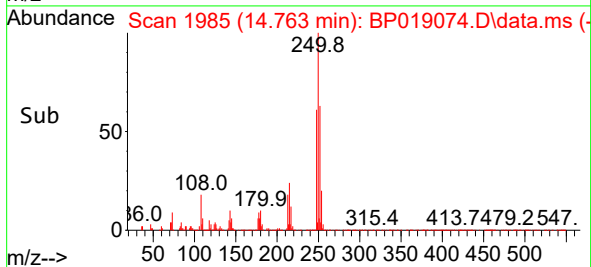
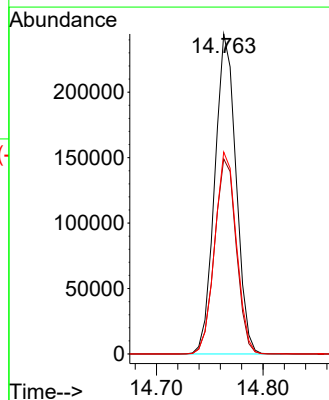
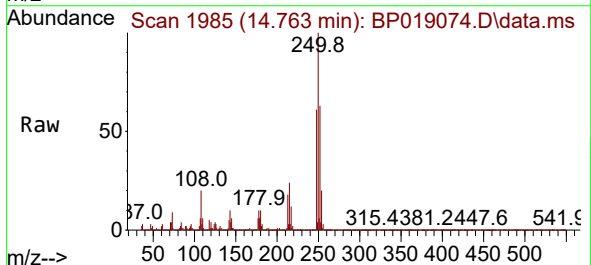
Tgt Ion:250 Resp: 338538

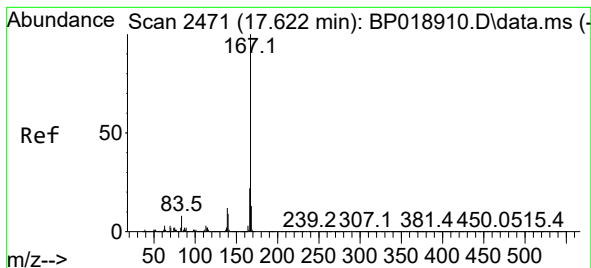
Ion Ratio Lower Upper

250 100

248 61.0 50.6 75.8

252 63.1 51.3 76.9





#77

Carbazole

Concen: 22.765 ng/ul

RT: 17.610 min Scan# 2471

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

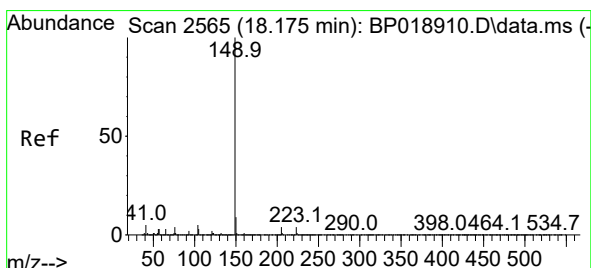
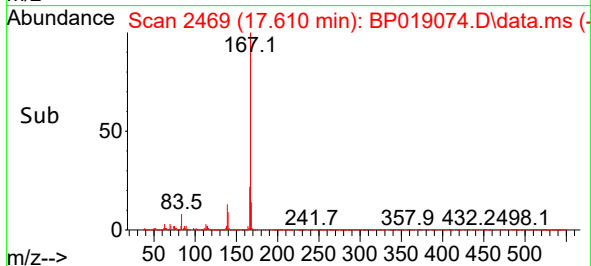
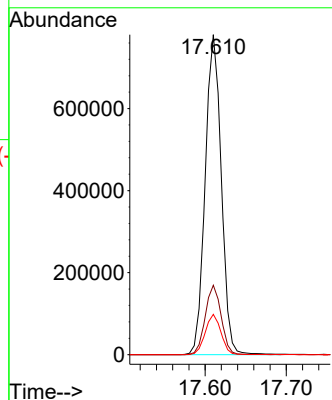
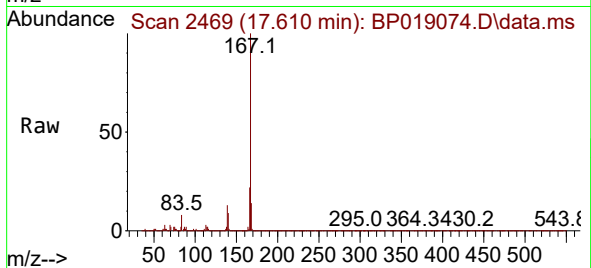
Tgt Ion:167 Resp: 1072402

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 19.472 ng/ul

RT: 18.163 min Scan# 2563

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

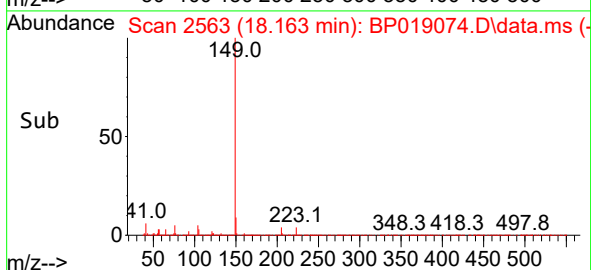
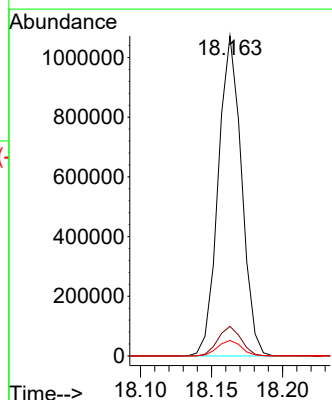
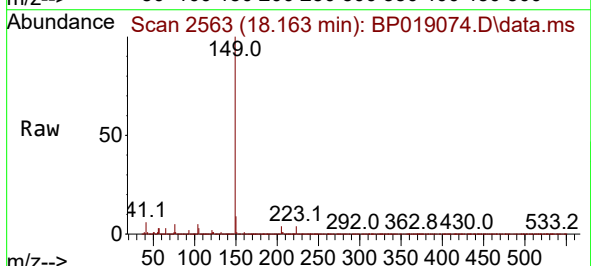
Tgt Ion:149 Resp: 1221400

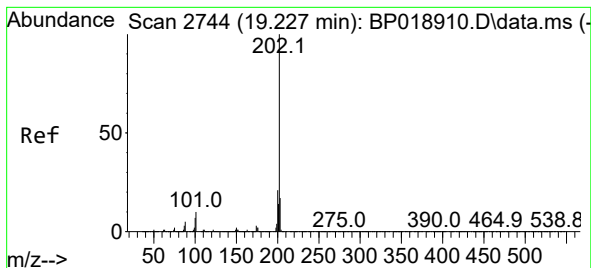
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 15.350 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

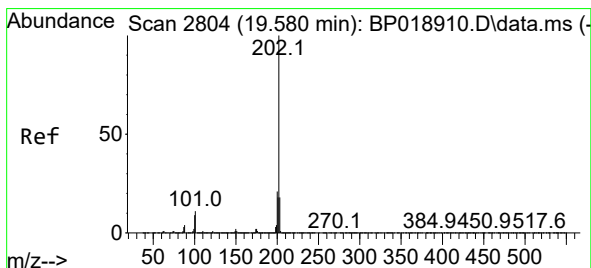
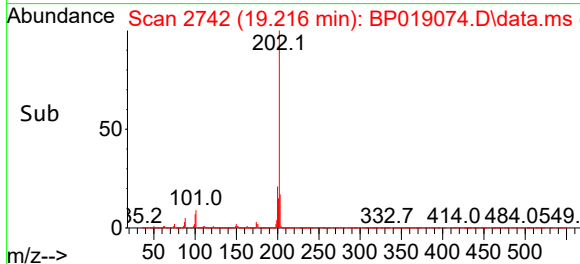
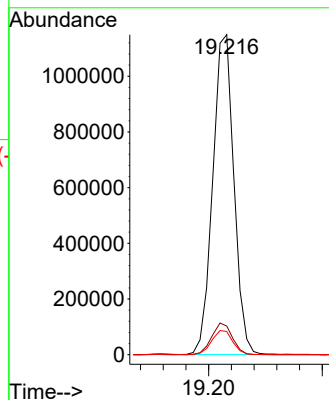
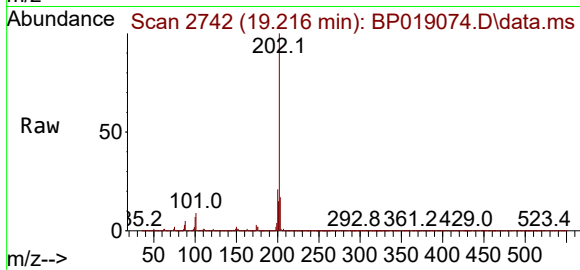
Tgt Ion:202 Resp: 1487132

Ion Ratio Lower Upper

202 100

101 8.9 9.1 13.7#

100 7.2 7.1 10.7



#82

Pyrene

Concen: 15.867 ng/ul

RT: 19.563 min Scan# 2801

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

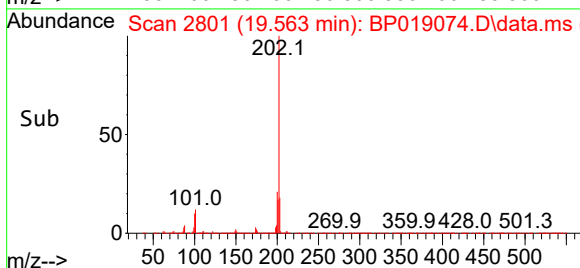
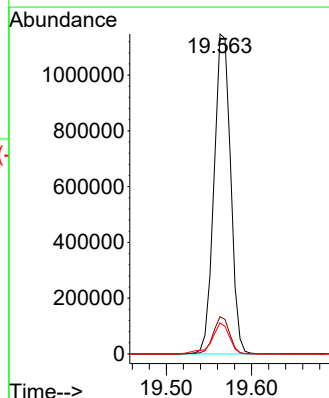
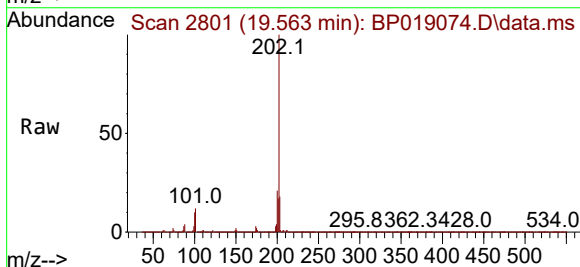
Tgt Ion:202 Resp: 1550777

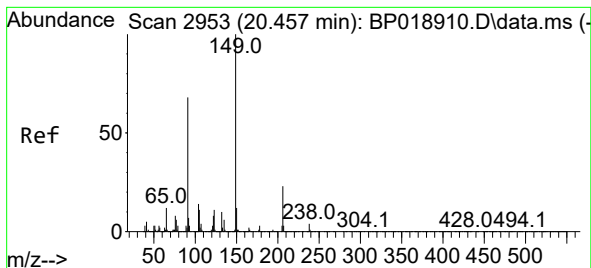
Ion Ratio Lower Upper

202 100

101 11.7 11.0 16.4

100 9.7 9.1 13.7





#83

Butylbenzylphthalate

Concen: 16.192 ng/ul

RT: 20.445 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

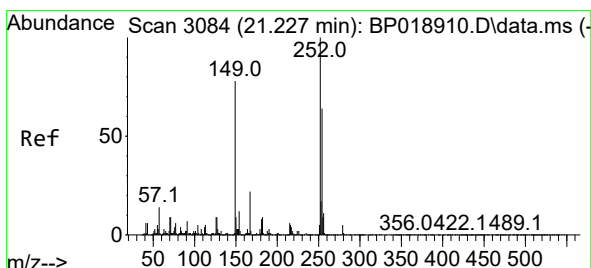
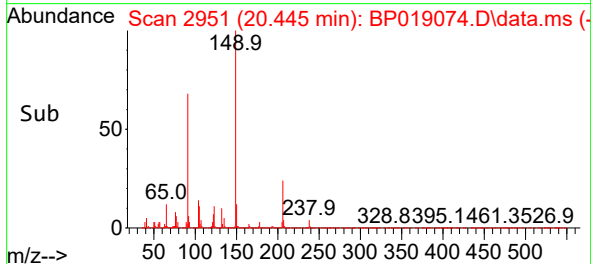
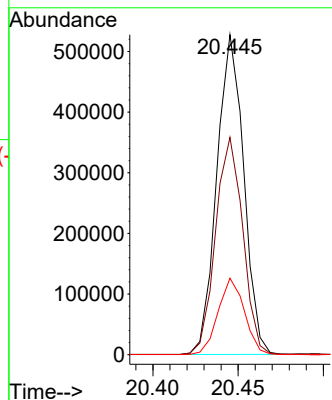
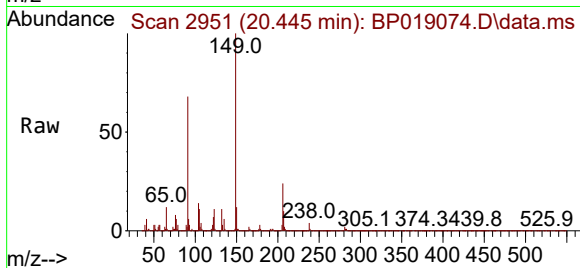
Tgt Ion:149 Resp: 579333

Ion Ratio Lower Upper

149 100

91 67.9 56.6 85.0

206 23.9 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 22.111 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

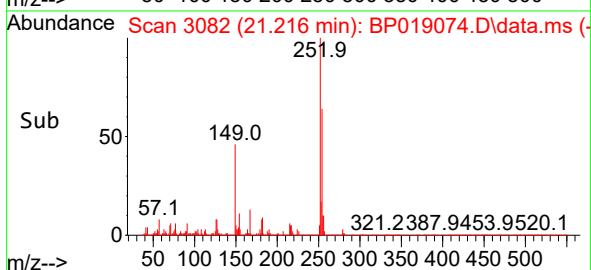
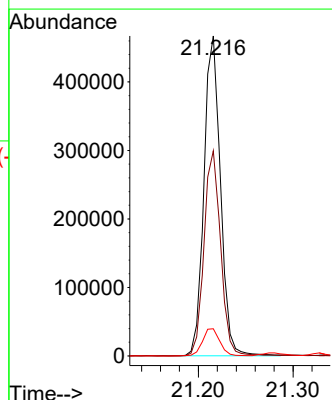
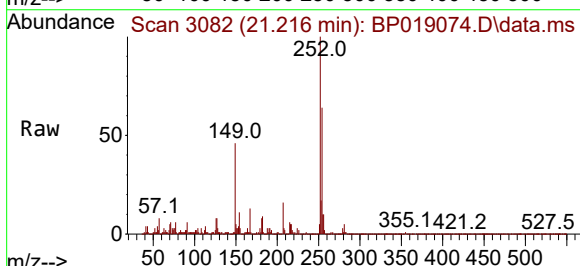
Tgt Ion:252 Resp: 565744

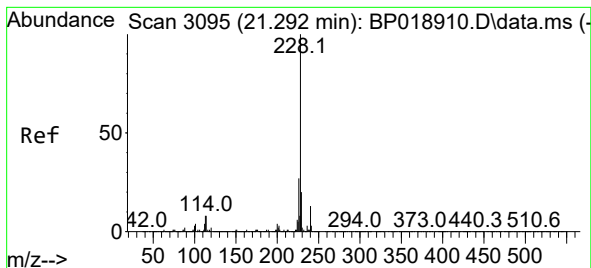
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.4

126 8.5 7.8 11.6





#85

Benzo(a)anthracene

Concen: 19.579 ng/ul

RT: 21.275 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

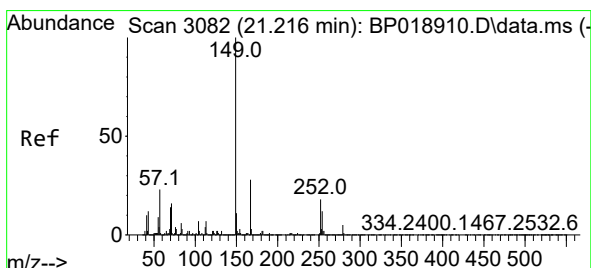
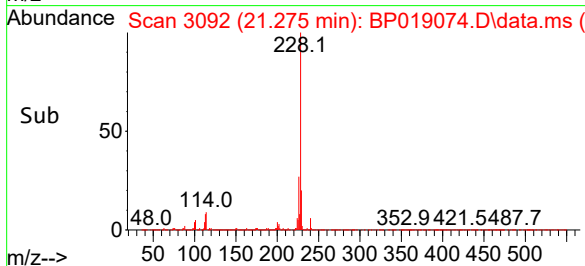
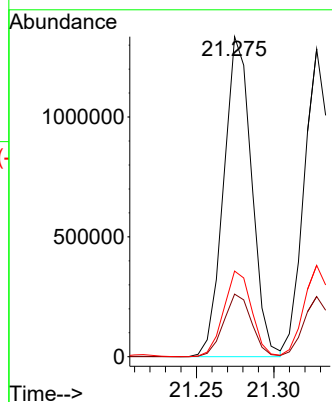
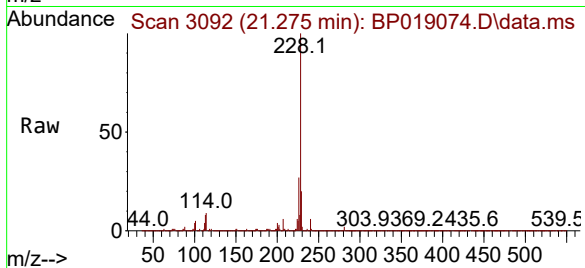
Tgt Ion:228 Resp: 1673306

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 26.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.555 ng/ul

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

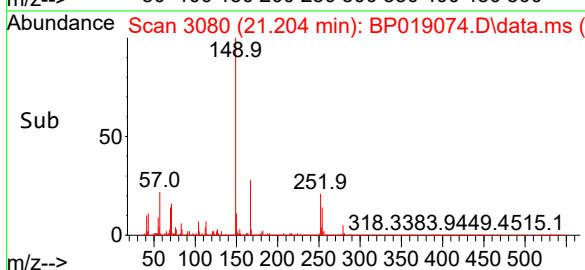
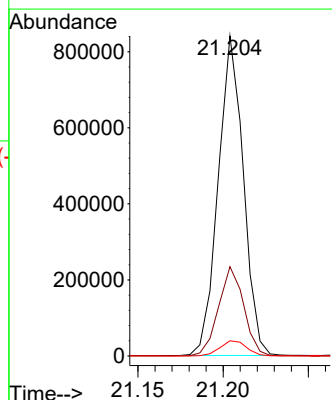
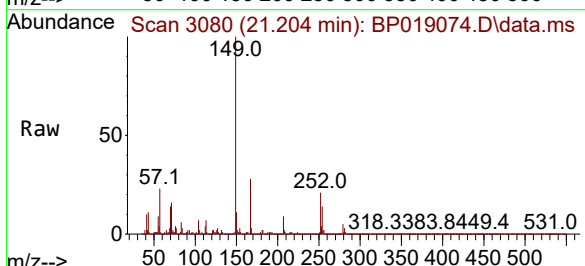
Tgt Ion:149 Resp: 863328

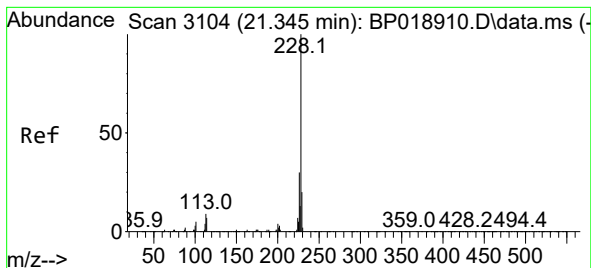
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.8 3.3 4.9





#87

Chrysene

Concen: 19.620 ng/ul

RT: 21.328 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

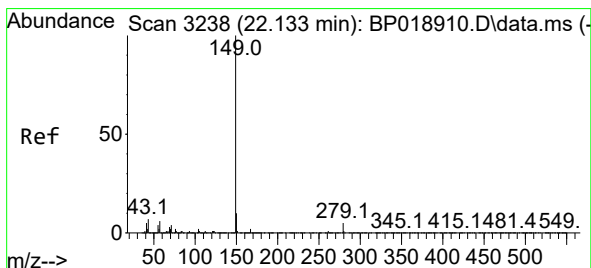
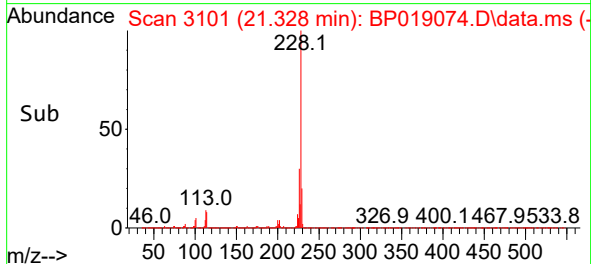
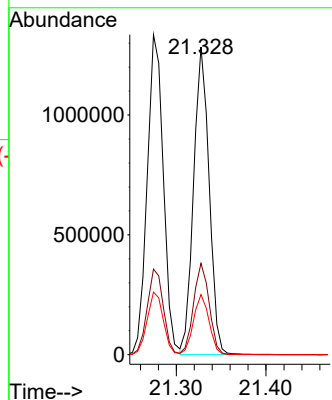
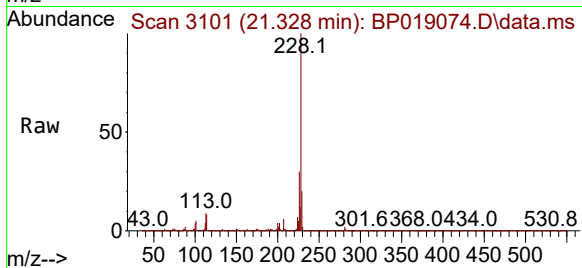
Tgt Ion:228 Resp: 1544144

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 16.885 ng/ul

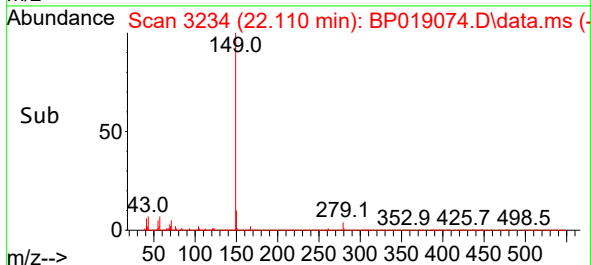
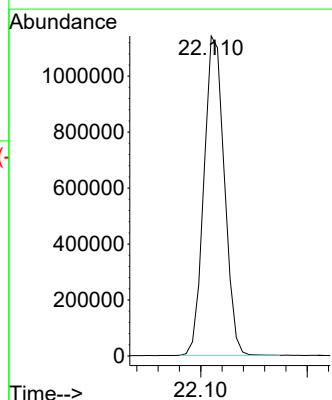
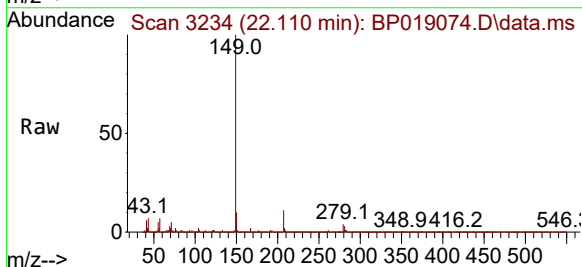
RT: 22.110 min Scan# 3234

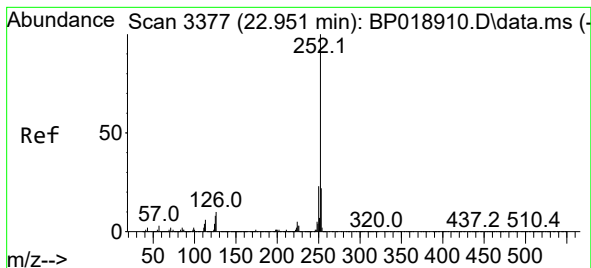
Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Tgt Ion:149 Resp: 1516480





#90

Benzo(b)fluoranthene

Concen: 18.684 ng/ul

RT: 22.927 min Scan# 3377

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

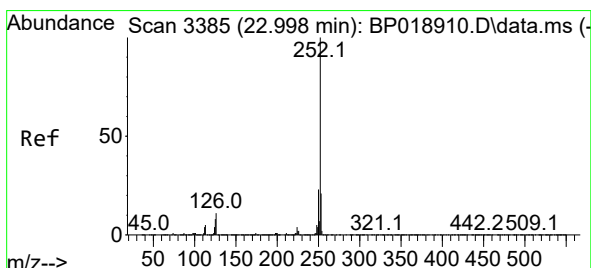
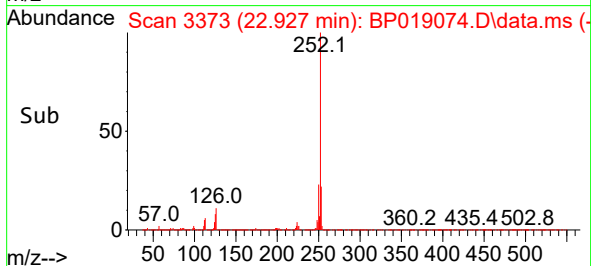
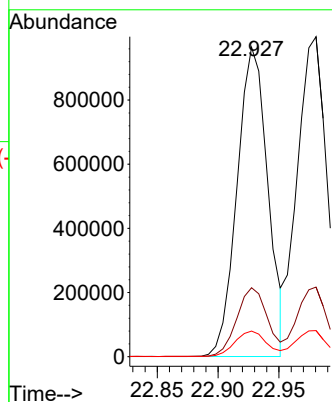
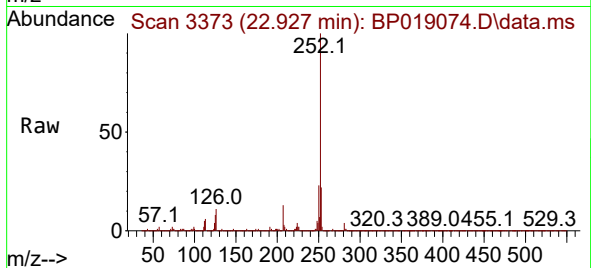
Tgt Ion:252 Resp: 1694531

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 8.3 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 19.333 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

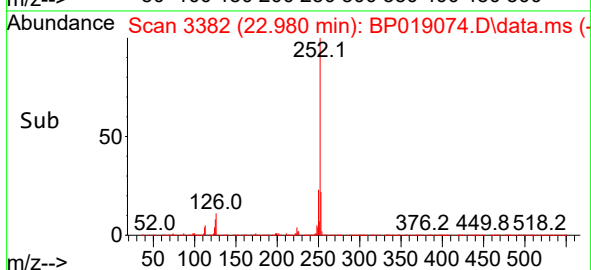
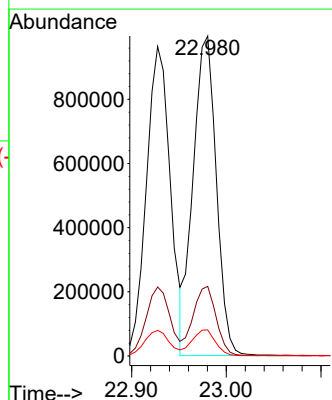
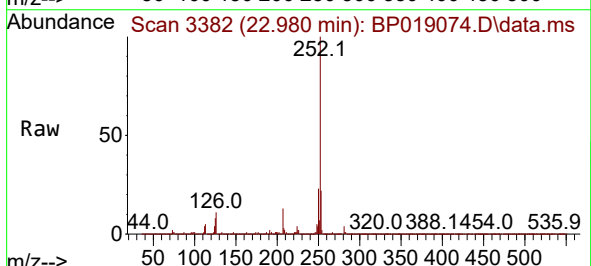
Tgt Ion:252 Resp: 1696501

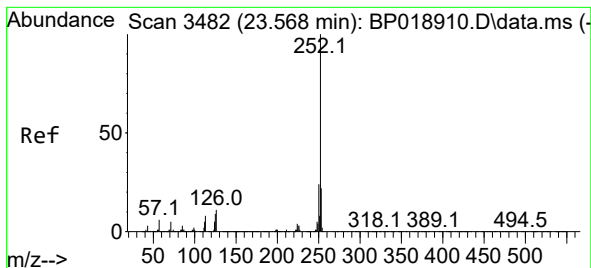
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.1 8.0 12.0





#93

Benzo(a)pyrene

Concen: 19.213 ng/ul

RT: 23.545 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

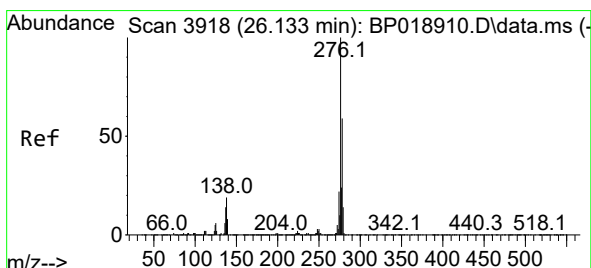
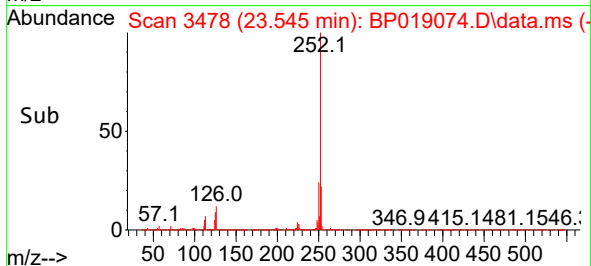
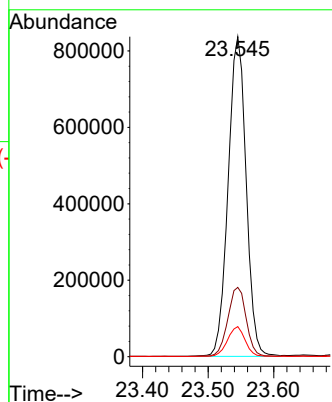
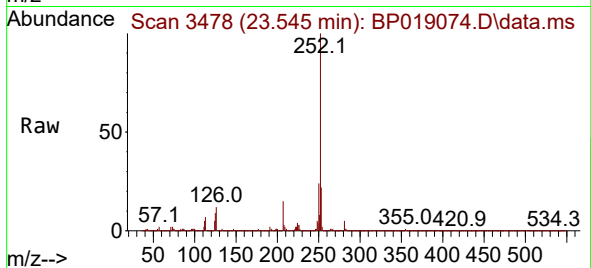
Tgt Ion:252 Resp: 1592162

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.4 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.483 ng/ul

RT: 26.092 min Scan# 3911

Delta R.T. -0.023 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

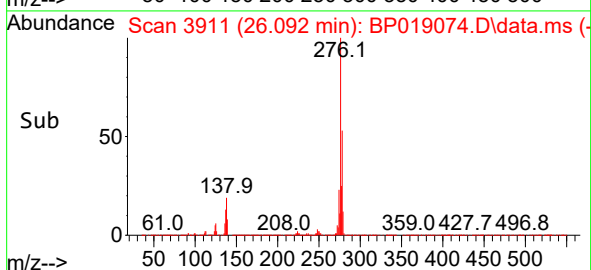
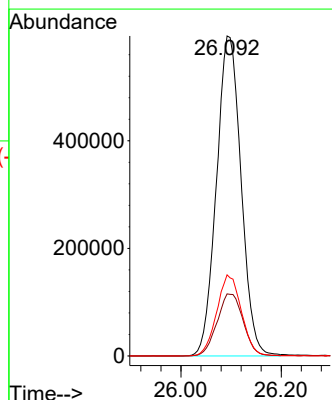
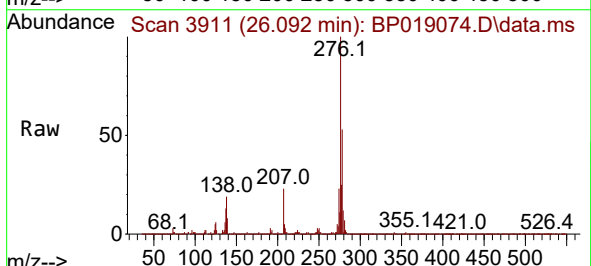
Tgt Ion:276 Resp: 2028070

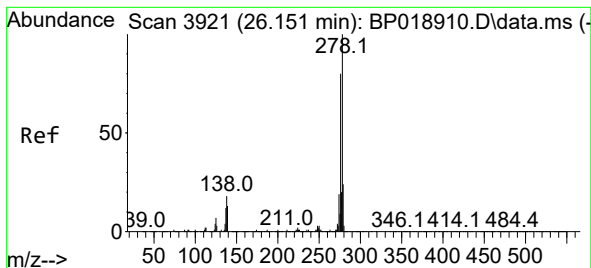
Ion Ratio Lower Upper

276 100

138 19.4 19.4 29.2#

277 25.4 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 20.574 ng/ul

RT: 26.116 min Scan# 3915

Delta R.T. -0.017 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Instrument :

BNA_P

ClientSampleId :

SSTD020745

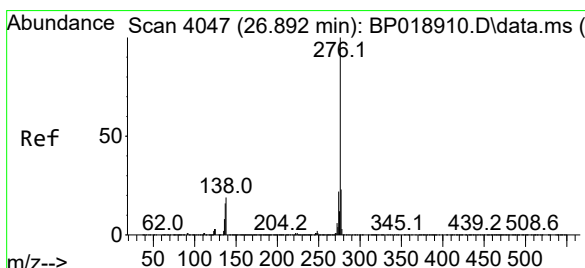
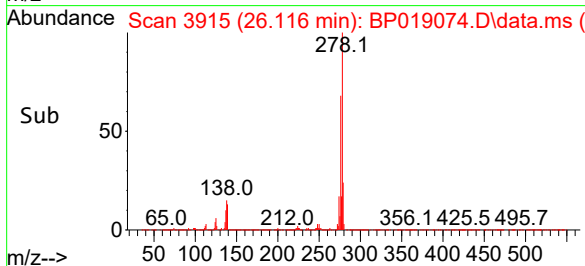
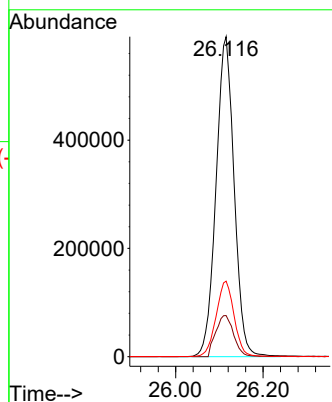
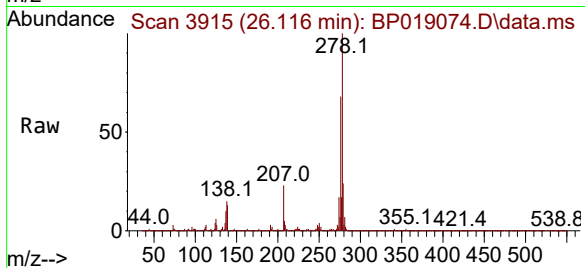
Tgt Ion:278 Resp: 1694537

Ion Ratio Lower Upper

278 100

139 12.9 13.0 19.6#

279 23.6 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 20.541 ng/ul

RT: 26.851 min Scan# 4040

Delta R.T. -0.017 min

Lab File: BP019074.D

Acq: 23 Dec 2023 12:25

Tgt Ion:276 Resp: 1636746

Ion Ratio Lower Upper

276 100

138 17.8 18.1 27.1#

277 23.9 19.4 29.0

