

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017119.D
 Acq On : 12 Sep 2023 15:23
 Operator : MA/JU
 Sample : SSTD16054
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160615

Quant Time: Sep 12 22:50:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	302152	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	1325467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	843852	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1929945	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1771238	20.000	ng/ul	0.02
88) Perylene-d12	24.033	264	1678298	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	446187	62.056	ng/uL	0.00
4) Pyridine-d5	3.746	84	3150390	153.165	ng/ul	0.00
7) Phenol-d5	7.128	99	3879241	157.892	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.310	67	2278402	148.370	ng/ul	0.01
11) 2-Chlorophenol-d4	7.487	132	3286743	167.691	ng/ul	0.01
15) 4-Methylphenol-d8	8.693	113	3270148	160.602	ng/ul	0.02
21) Nitrobenzene-d5	9.175	128	1654790	178.293	ng/ul	0.02
24) 2-Nitrophenol-d4	9.887	143	1883834	190.122	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.410	165	3248440	169.520	ng/ul	0.02
31) 4-Chloroaniline-d4	10.963	131	4375327	151.485	ng/ul	0.02
46) Dimethylphthalate-d6	14.051	166	9183657	152.933	ng/ul	0.02
49) Acenaphthylene-d8	14.328	160	10318387	151.433	ng/ul	0.01
54) 4-Nitrophenol-d4	14.875	143	1990529	171.508	ng/ul	0.04
60) Fluorene-d10	15.628	176	7524818	144.924	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.775	200	1895426	175.786	ng/ul	0.03
73) Anthracene-d10	17.504	188	11974697	146.035	ng/ul	0.02
81) Pyrene-d10	19.739	212	14412284	155.150	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.880	264	13694930	172.888	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	476652	61.649	ng/uL	97
5) Pyridine	3.769	79	3213379	150.826	ng/ul	98
6) Benzaldehyde	7.122	77	1457530	106.557	ng/ul	95
8) Phenol	7.157	94	4051524	156.356	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.410	93	3089108	149.469	ng/ul	96
12) 2-Chlorophenol	7.522	128	3222853	161.996	ng/ul	97
13) 2-Methylphenol	8.410	108	3081912	159.540	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	2278096	87.695	ng/ul	98
16) Acetophenone	8.834	105	4468083	140.195	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.828	70	2171678	132.601	ng/ul#	97
18) 4-Methylphenol	8.769	108	3427557	160.374	ng/ul	98
19) Hexachloroethane	9.028	117	1271780	155.436	ng/ul	87
22) Nitrobenzene	9.222	77	3691540	152.730	ng/ul	94
23) Isophorone	9.751	82	7129552	157.405	ng/ul	97
25) 2-Nitrophenol	9.922	139	1930699	175.315	ng/ul	93
26) 2,4-Dimethylphenol	9.963	107	3418749	152.325	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	4165376	146.727	ng/ul	99
29) 2,4-Dichlorophenol	10.440	162	3114152	160.548	ng/ul	96
30) Naphthalene	10.846	128	9626461	143.524	ng/ul	98
32) 4-Chloroaniline	10.993	127	4156447	147.470	ng/ul	97
33) Hexachlorobutadiene	11.069	225	2061281	156.500	ng/ul	97
34) Caprolactam	11.881	113	700797	119.497	ng/ul	92
35) 4-Chloro-3-methylphenol	12.104	107	3394629	161.747	ng/ul	97
36) 2-Methylnaphthalene	12.451	142	6602459	145.885	ng/ul	98

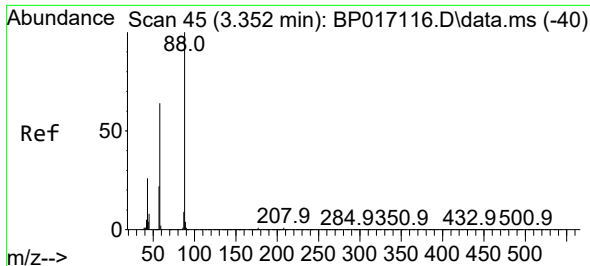
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	6627530	144.669	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	3931145	156.412	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	2652594	169.393	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	2679157	167.800	ng/ul	98
42) 2,4,5-Trichlorophenol	13.134	196	2887170	170.089	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	8355775	138.089	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	6957683	144.792	ng/ul	100
45) 2-Nitroaniline	13.757	65	2228994	171.251	ng/ul	88
47) Dimethylphthalate	14.104	163	8852303	145.216	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	2090679	187.646	ng/ul	92
50) Acenaphthylene	14.363	152	10761270	136.709	ng/ul	98
51) 3-Nitroaniline	14.592	138	1946493	163.263	ng/ul	92
52) Acenaphthene	14.692	153	7198603	138.198	ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	1520443	194.778	ng/ul	90
55) 4-Nitrophenol	14.898	109	1576825	169.752	ng/ul	90
56) Dibenzofuran	15.034	168	9205383	127.882	ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	2600292	156.691	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.251	232	2579371	173.214	ng/ul	90
59) Diethylphthalate	15.457	149	8755957	145.481	ng/ul	97
61) Fluorene	15.686	166	7582487	127.409	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	4277595	141.372	ng/ul	96
63) 4-Nitroaniline	15.786	138	1543642	139.269	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.798	198	1925705	166.413	ng/ul#	86
67) N-Nitrosodiphenylamine	15.904	169	7133784	142.159	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	3155047	171.502	ng/ul#	90
69) Hexachlorobenzene	16.657	284	3784976	173.824	ng/ul#	90
70) Atrazine	16.869	200	2597015	142.969	ng/ul	99
71) Pentachlorophenol	17.022	266	2541681	179.608	ng/ul	100
72) Phenanthrene	17.445	178	13327721	137.417	ng/ul	98
74) Anthracene	17.545	178	13056151	132.913	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.410	216	4165631	156.109	ng/uL	98
76) Pentachlorobenzene	14.922	250	3824578	157.955	ng/uL	99
77) Carbazole	17.828	167	12320728	142.842	ng/ul	99
78) Di-n-butylphthalate	18.327	149	13112432	133.407	ng/ul#	93
80) Fluoranthene	19.404	202	14848937	136.761	ng/ul	99
82) Pyrene	19.769	202	14189698	123.686	ng/ul	99
83) Butylbenzylphthalate	20.621	149	6805455	166.325	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.427	252	5882204	161.984	ng/ul#	98
85) Benzo(a)anthracene	21.480	228	15759189	135.887	ng/ul	91
86) Bis(2-ethylhexyl)phtha...	21.357	149	9134958	159.042	ng/ul#	92
87) Chrysene	21.545	228	14232643	131.930	ng/ul#	81
89) Di-n-octyl phthalate	22.321	149	15038283	161.599	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	17253670	174.409	ng/ul	98
91) Benzo(k)fluoranthene	23.257	252	17253670	175.440	ng/ul	97
93) Benzo(a)pyrene	23.939	252	15092065	164.439	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.745	276	15938448	156.826	ng/ul	97
95) Dibenzo(a,h)anthracene	26.774	278	13284788	155.609	ng/ul	97
96) Benzo(g,h,i)perylene	27.592	276	12264710	156.065	ng/ul	99

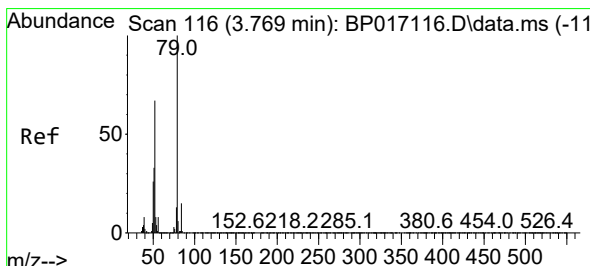
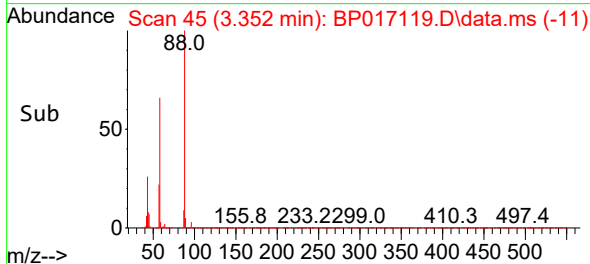
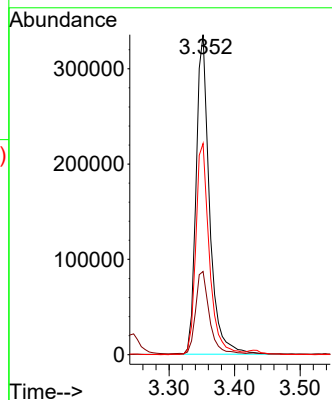
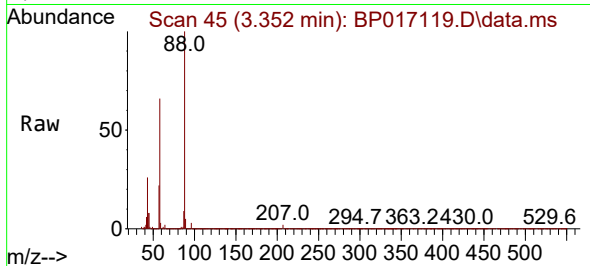
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#2
 1,4-Dioxane
 Concen: 61.649 ng/uL
 RT: 3.352 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP017119.D
 Acq: 12 Sep 2023 15:23

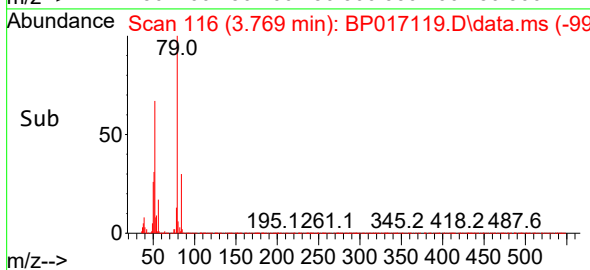
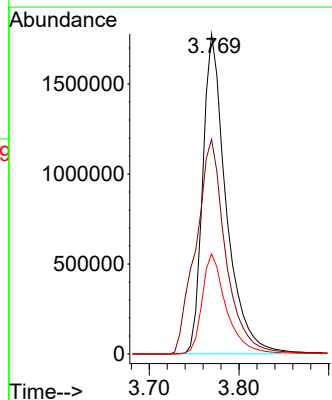
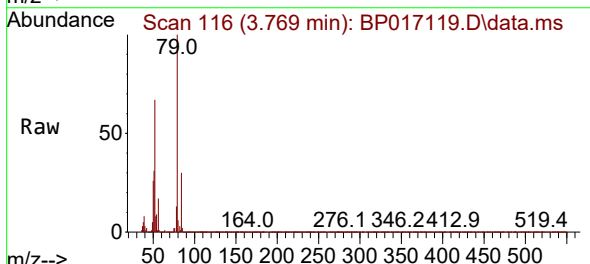
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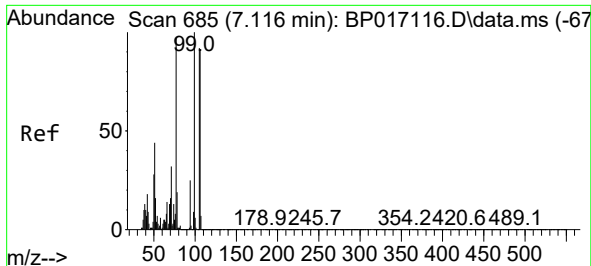
Tgt Ion: 88 Resp: 476652
 Ion Ratio Lower Upper
 88 100
 43 26.0 21.9 32.9
 58 66.0 50.8 76.2



#5
 Pyridine
 Concen: 150.826 ng/uL
 RT: 3.769 min Scan# 116
 Delta R.T. 0.000 min
 Lab File: BP017119.D
 Acq: 12 Sep 2023 15:23

Tgt Ion: 79 Resp: 3213379
 Ion Ratio Lower Upper
 79 100
 52 67.1 54.5 81.7
 51 31.3 27.0 40.6

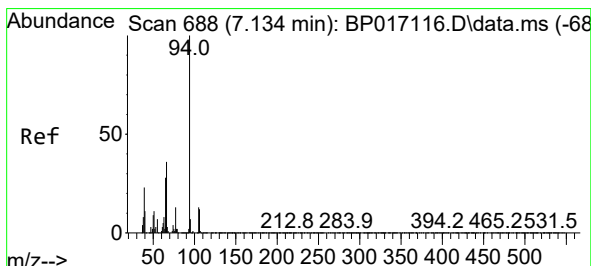
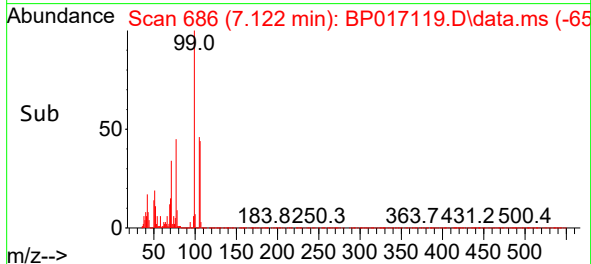
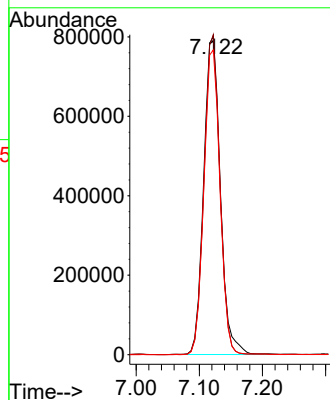
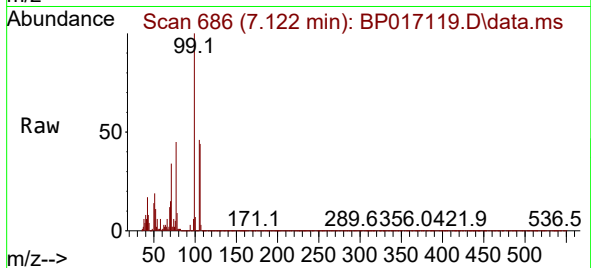




#6
Benzaldehyde
Concen: 106.557 ng/ul
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

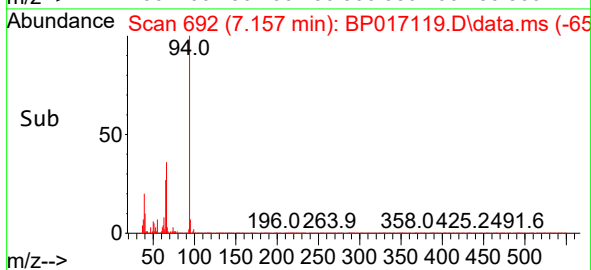
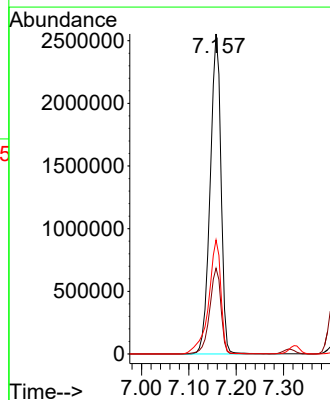
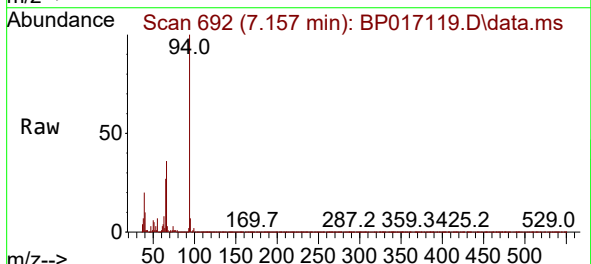
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ClientSampleId :
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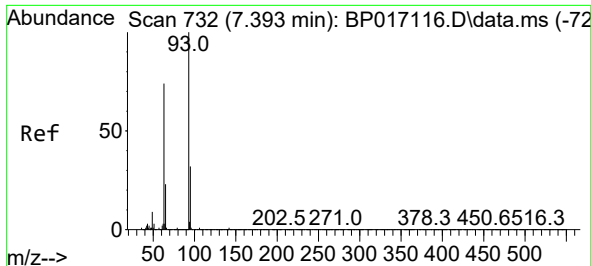
Tgt Ion: 77 Resp: 1457530
Ion Ratio Lower Upper
77 100
105 100.6 75.3 112.9
106 95.8 74.6 111.8



#8
Phenol
Concen: 156.356 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion: 94 Resp: 4051524
Ion Ratio Lower Upper
94 100
65 26.8 22.7 34.1
66 35.7 29.6 44.4

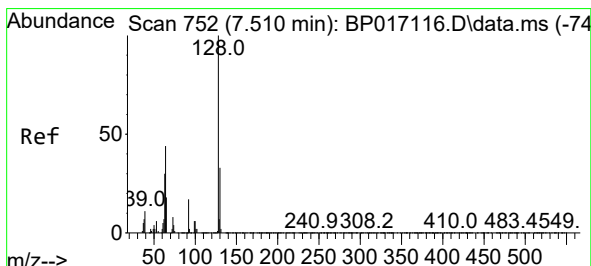
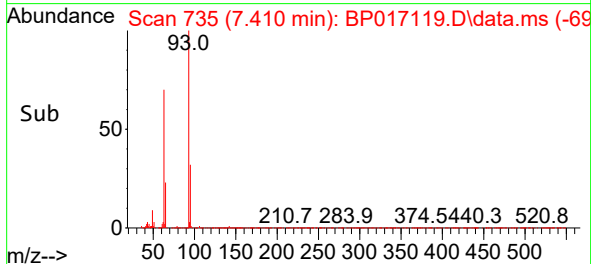
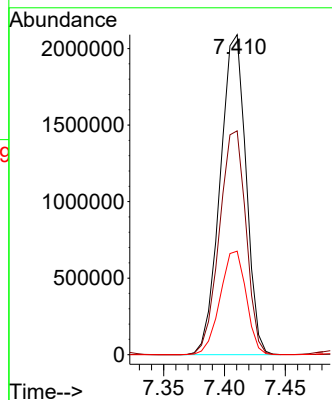
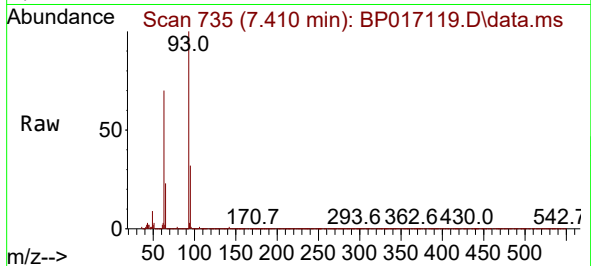




#10
Bis(2-Chloroethyl)ether
Concen: 149.469 ng/ul
RT: 7.410 min Scan# 710
Delta R.T. 0.018 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

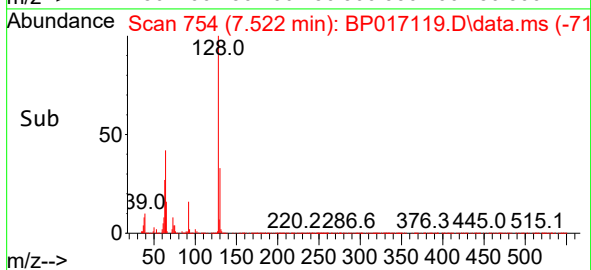
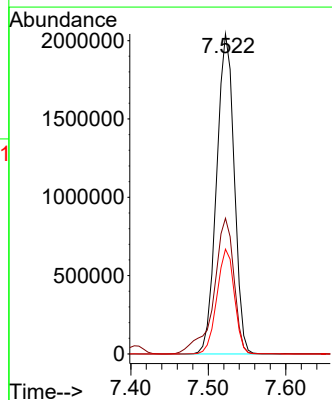
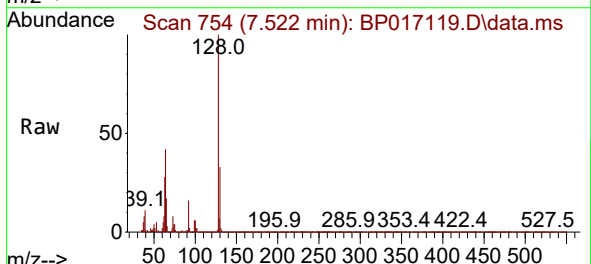
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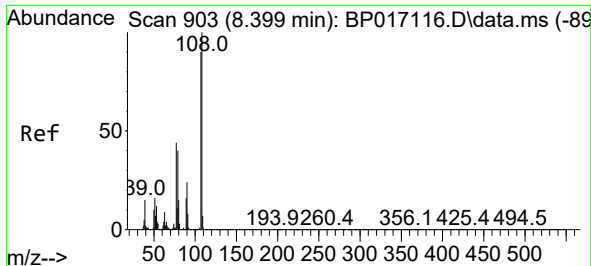
Tgt Ion: 93 Resp: 3089108
Ion Ratio Lower Upper
93 100
63 70.0 59.5 89.3
95 32.4 25.8 38.6



#12
2-Chlorophenol
Concen: 161.996 ng/ul
RT: 7.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:128 Resp: 3222853
Ion Ratio Lower Upper
128 100
64 42.4 36.8 55.2
130 32.8 26.3 39.5





#13

2-Methylphenol

Concen: 159.540 ng/ul

RT: 8.410 min Scan# 905

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

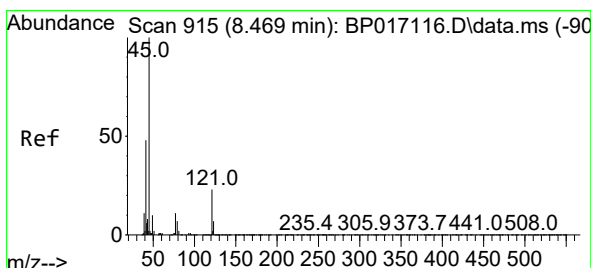
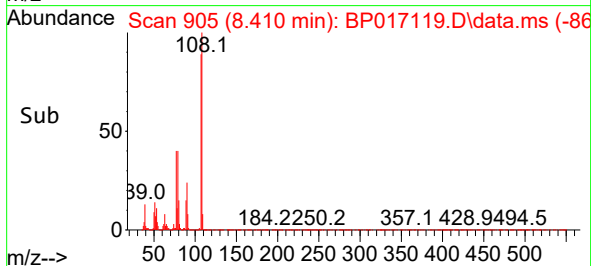
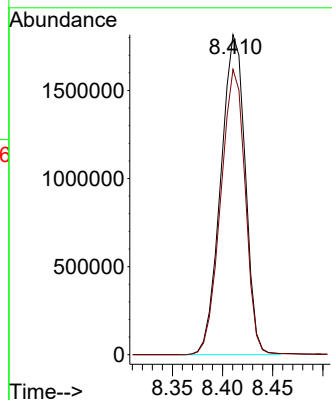
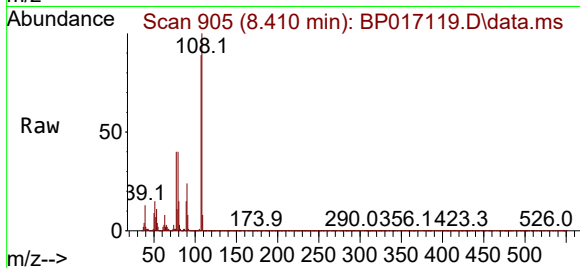
SSTD160615

Tgt Ion:108 Resp: 3081912

Ion Ratio Lower Upper

108 100

107 89.1 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 87.695 ng/ul

RT: 8.481 min Scan# 917

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

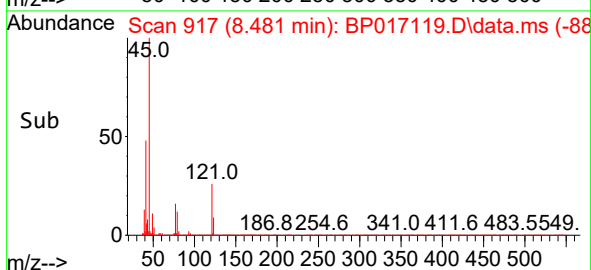
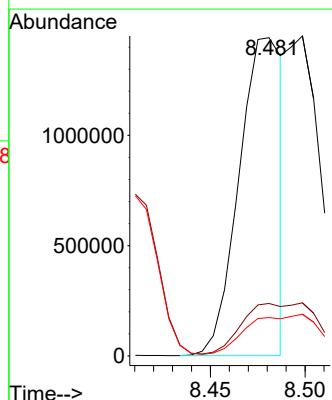
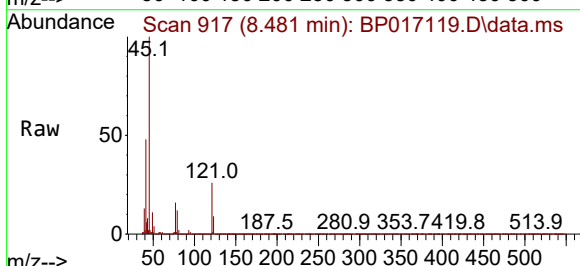
Tgt Ion: 45 Resp: 2278096

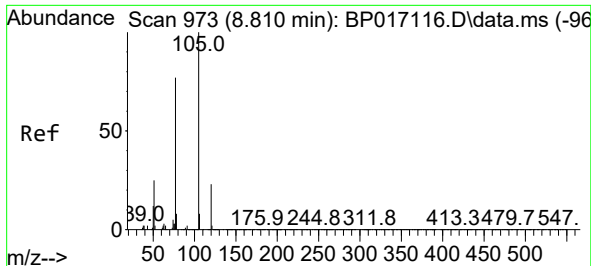
Ion Ratio Lower Upper

45 100

77 16.5 12.5 18.7

79 12.1 8.8 13.2

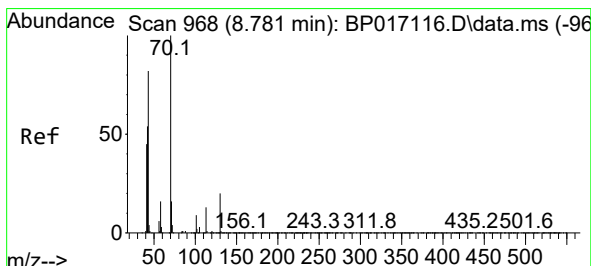
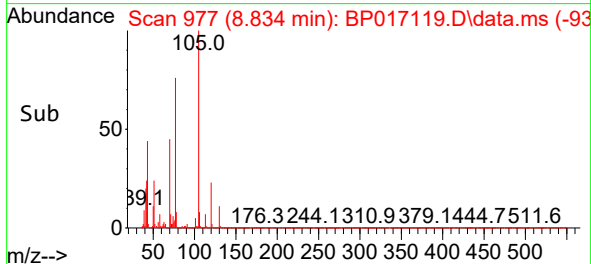
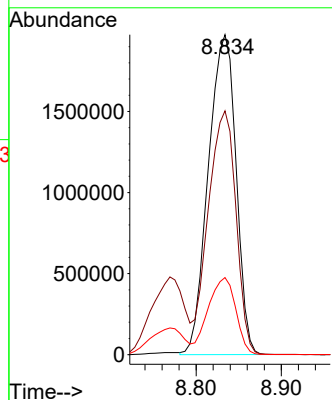
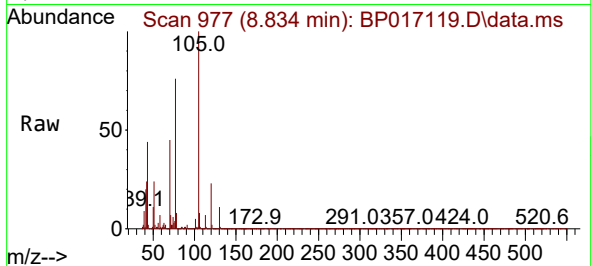




#16
Acetophenone
Concen: 140.195 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

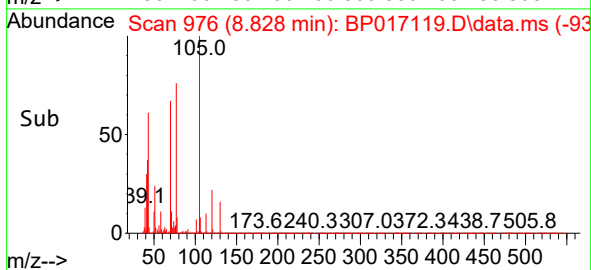
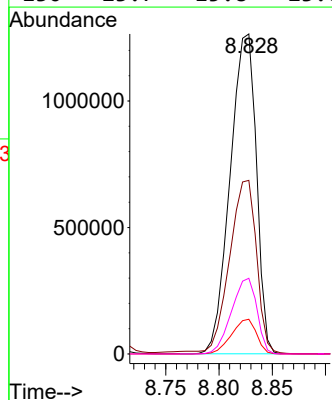
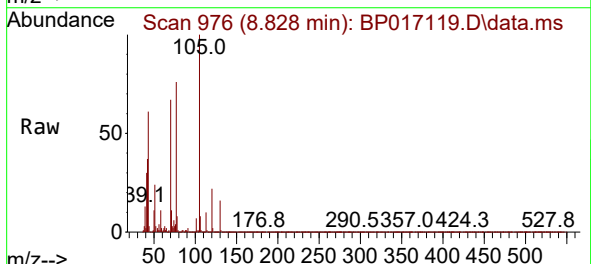
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ClientSampleId :
SSTD160615

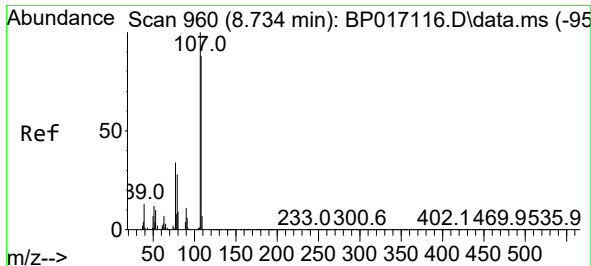
Tgt Ion:105 Resp: 4468083
Ion Ratio Lower Upper
105 100
77 76.2 63.0 94.4
51 24.1 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 132.601 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. 0.047 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion: 70 Resp: 2171678
Ion Ratio Lower Upper
70 100
42 54.3 43.9 65.9
101 10.9 7.0 10.4#
130 23.7 15.8 23.6#

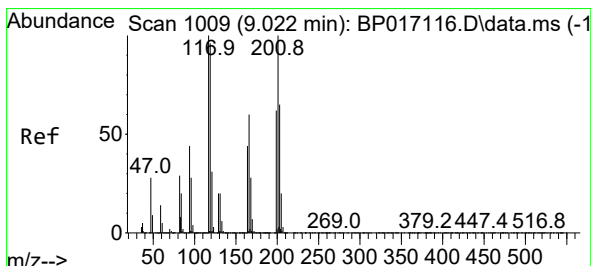
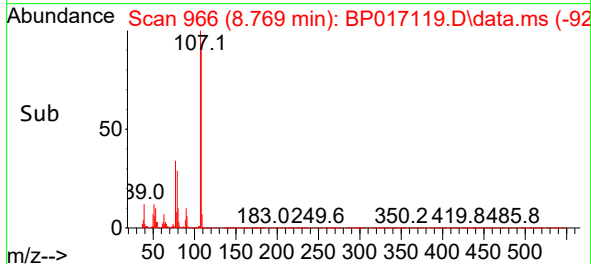
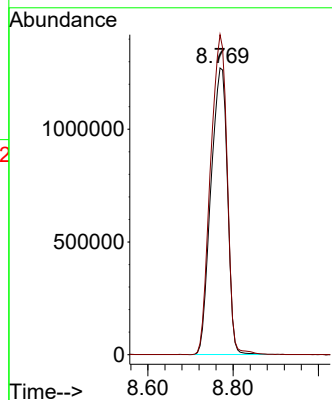
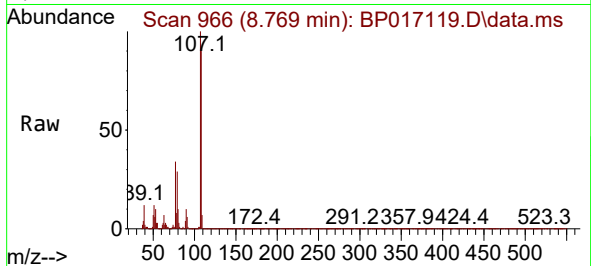




#18
4-Methylphenol
Concen: 160.374 ng/ul
RT: 8.769 min Scan# 90
Delta R.T. 0.035 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

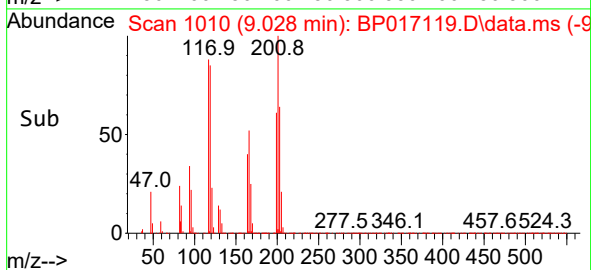
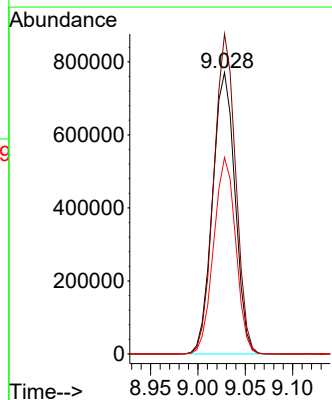
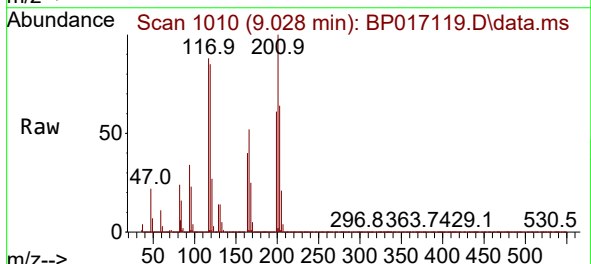
Instrument :
BNA_P
ClientSampleId :
SSTD160615

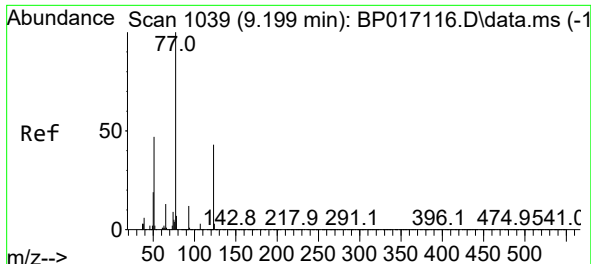
Tgt Ion:108 Resp: 3427557
Ion Ratio Lower Upper
108 100
107 111.6 91.4 137.0



#19
Hexachloroethane
Concen: 155.436 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:117 Resp: 1271780
Ion Ratio Lower Upper
117 100
201 113.7 79.9 119.9
199 69.8 49.4 74.2

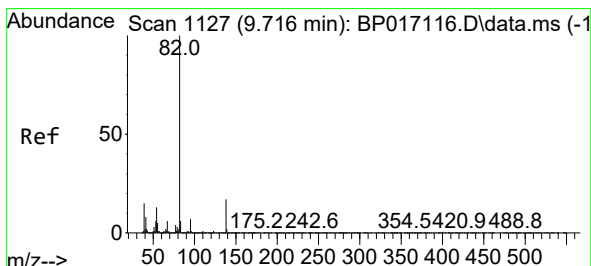
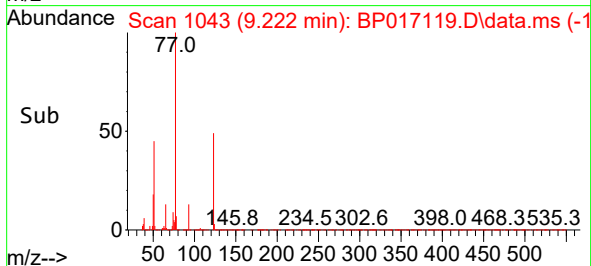
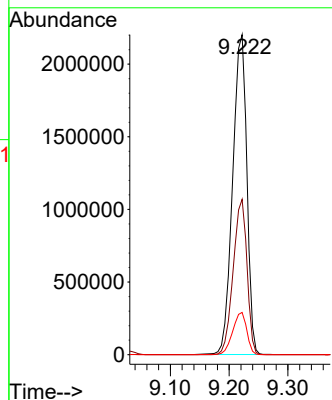
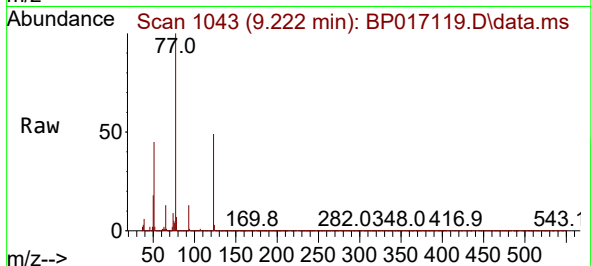




#22
Nitrobenzene
Concen: 152.730 ng/ul
RT: 9.222 min Scan# 1103
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

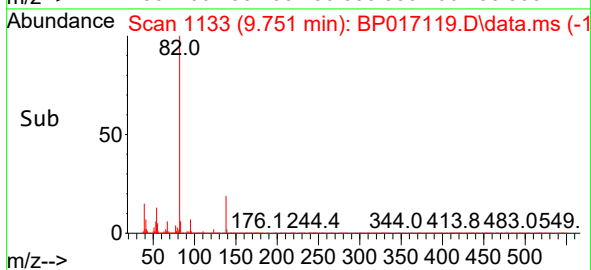
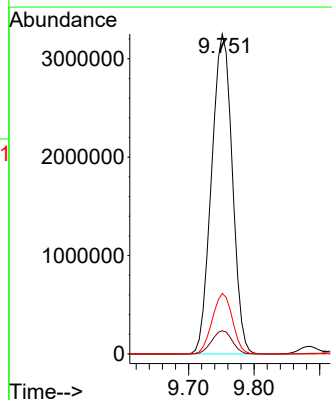
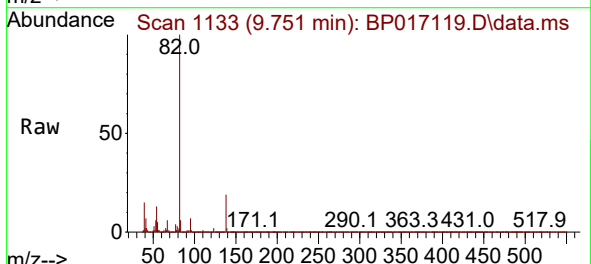
Instrument :
BNA_P
ClientSampleId :
SSTD160615

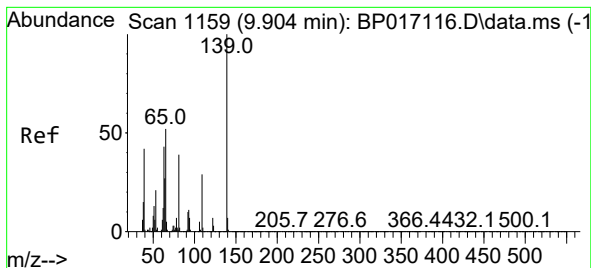
Tgt Ion: 77 Resp: 3691540
Ion Ratio Lower Upper
77 100
123 48.6 34.6 51.8
65 13.2 10.6 16.0



#23
Isophorone
Concen: 157.405 ng/ul
RT: 9.751 min Scan# 1133
Delta R.T. 0.035 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion: 82 Resp: 7129552
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.9 14.0 21.0





#25

2-Nitrophenol

Concen: 175.315 ng/ul

RT: 9.922 min Scan# 1162

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

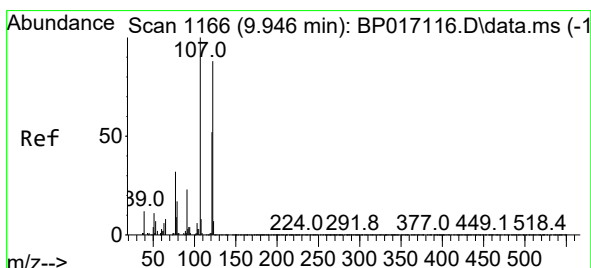
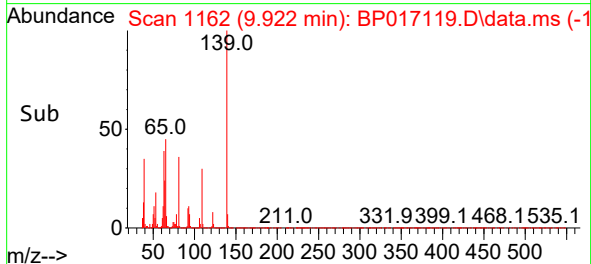
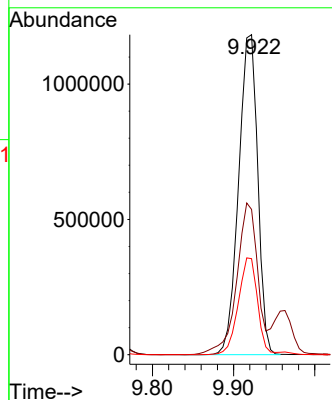
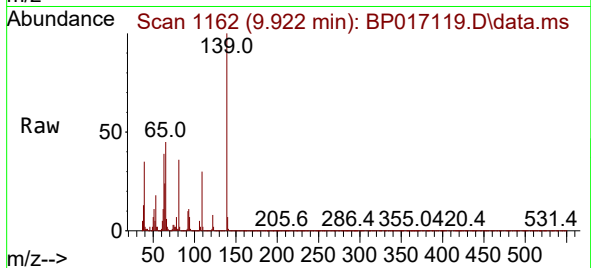
Tgt Ion:139 Resp: 1930699

Ion Ratio Lower Upper

139 100

65 45.4 41.9 62.9

109 30.0 23.5 35.3



#26

2,4-Dimethylphenol

Concen: 152.325 ng/ul

RT: 9.963 min Scan# 1169

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

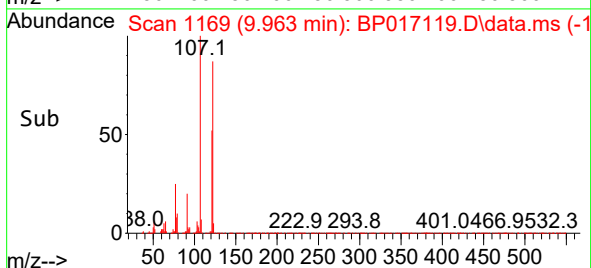
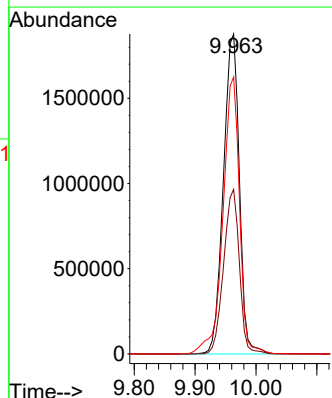
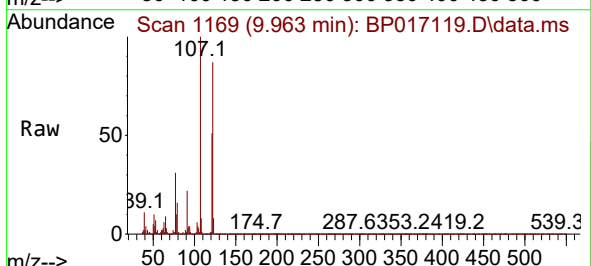
Tgt Ion:107 Resp: 3418749

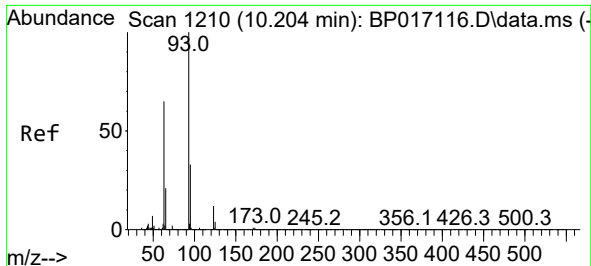
Ion Ratio Lower Upper

107 100

121 51.5 41.7 62.5

122 86.5 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 146.727 ng/ul

RT: 10.222 min Scan# 11

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

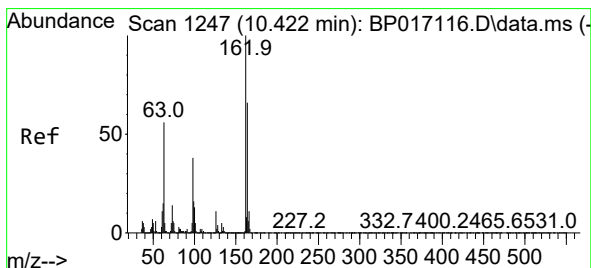
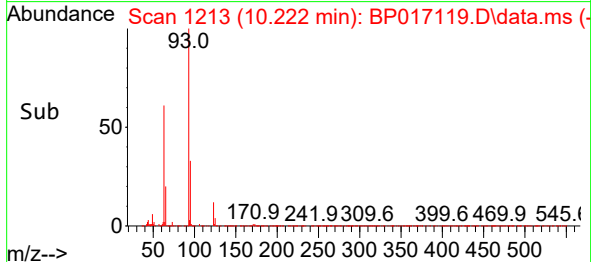
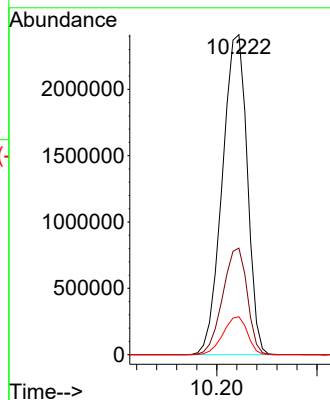
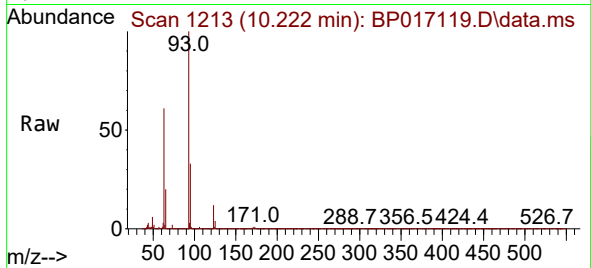
Tgt Ion: 93 Resp: 4165376

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 11.8 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 160.548 ng/ul

RT: 10.440 min Scan# 1250

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

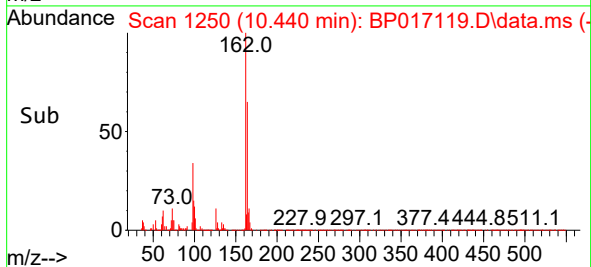
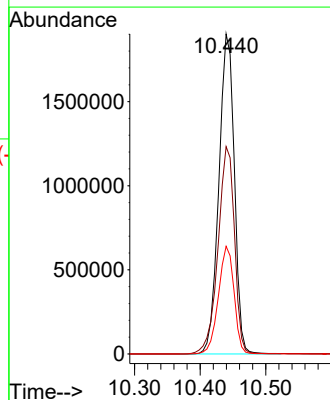
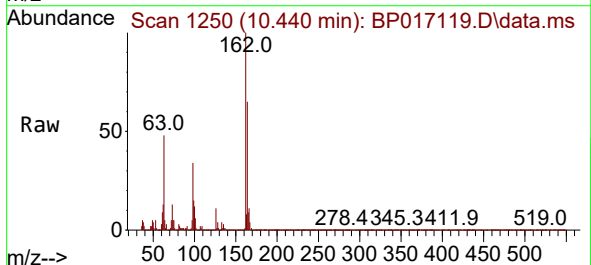
Tgt Ion:162 Resp: 3114152

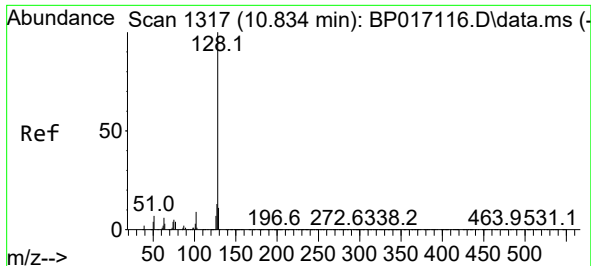
Ion Ratio Lower Upper

162 100

164 64.8 53.2 79.8

98 33.7 30.0 45.0

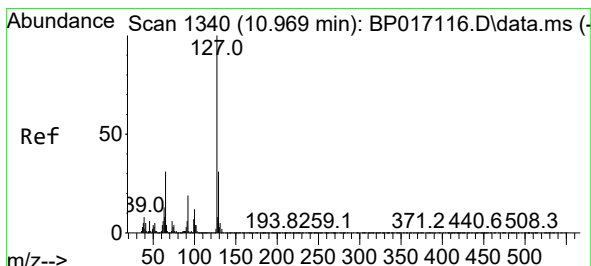
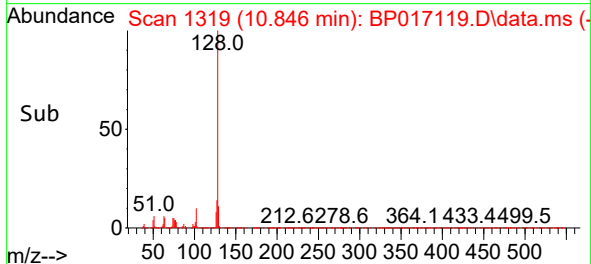
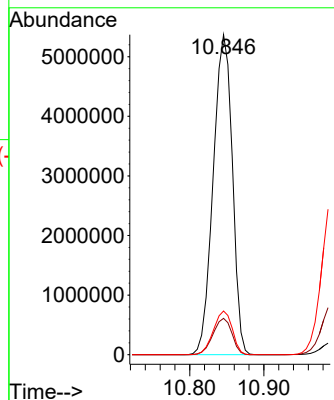
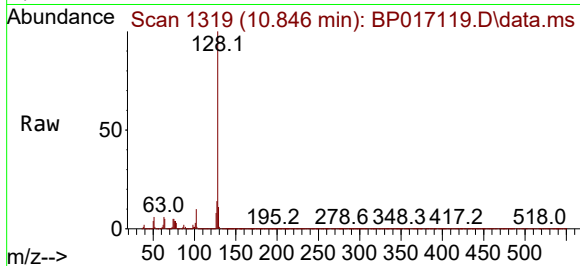




#30
Naphthalene
Concen: 143.524 ng/ul
RT: 10.846 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

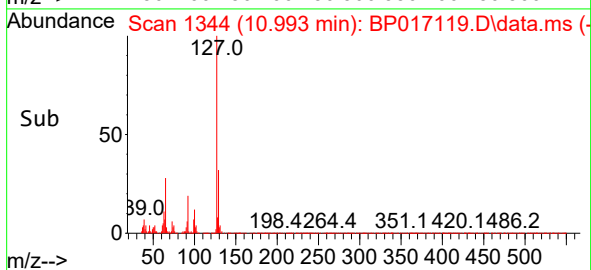
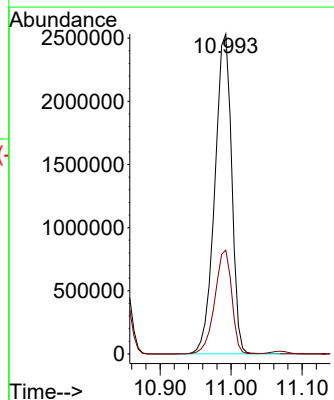
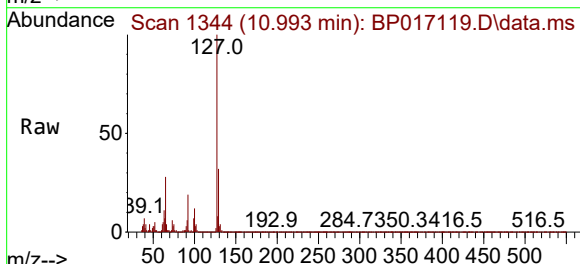
Instrument :
BNA_P
ClientSampleId :
SSTD160615

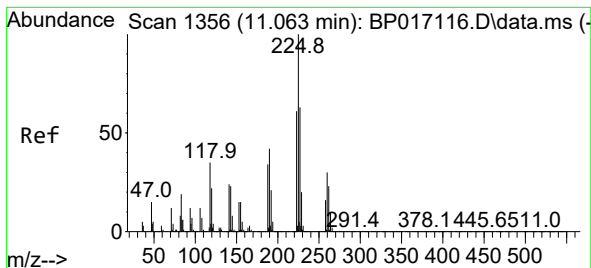
Tgt Ion:128 Resp: 9626461
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.7 10.4 15.6



#32
4-Chloroaniline
Concen: 147.470 ng/ul
RT: 10.993 min Scan# 1344
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:127 Resp: 4156447
Ion Ratio Lower Upper
127 100
129 32.4 24.8 37.2





#33

Hexachlorobutadiene

Concen: 156.500 ng/ul

RT: 11.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

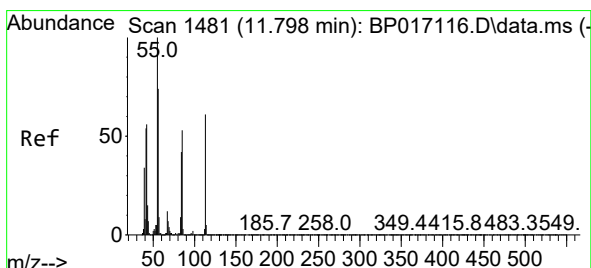
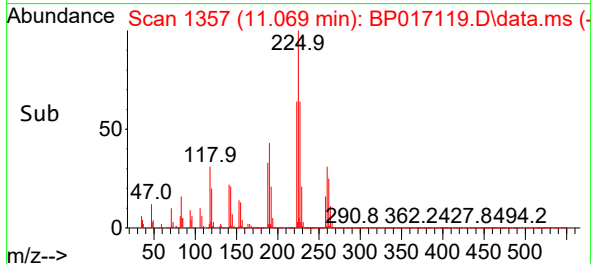
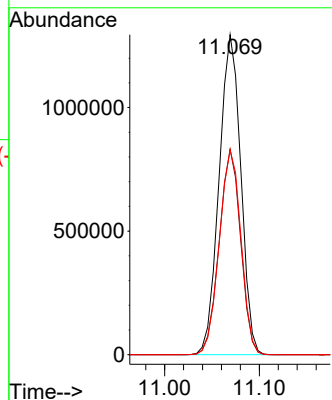
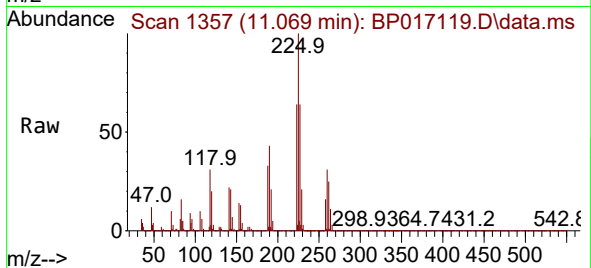
Tgt Ion:225 Resp: 2061281

Ion Ratio Lower Upper

225 100

223 64.2 49.0 73.4

227 64.0 50.2 75.4



#34

Caprolactam

Concen: 119.497 ng/ul

RT: 11.881 min Scan# 1495

Delta R.T. 0.082 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

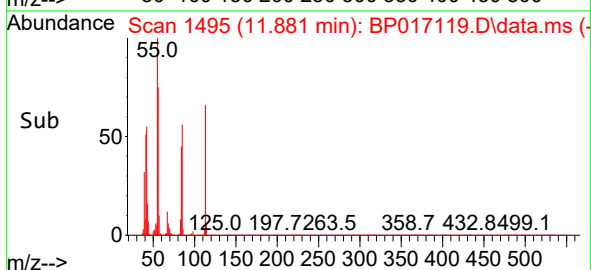
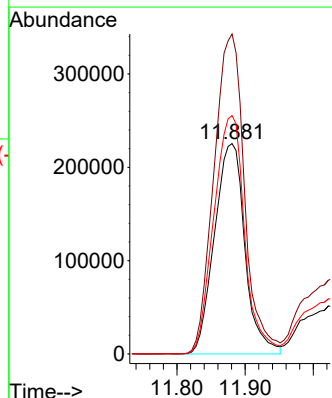
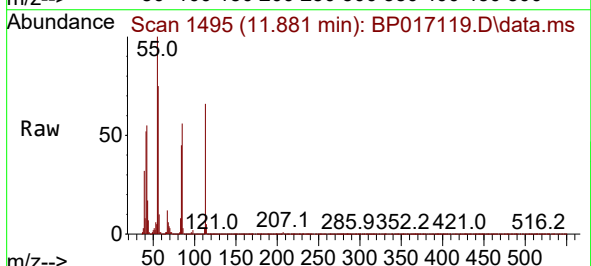
Tgt Ion:113 Resp: 700797

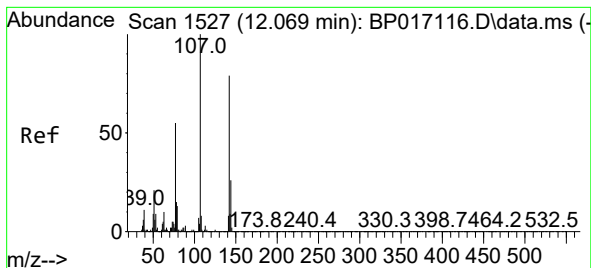
Ion Ratio Lower Upper

113 100

55 152.1 130.7 196.1

56 113.3 96.8 145.2

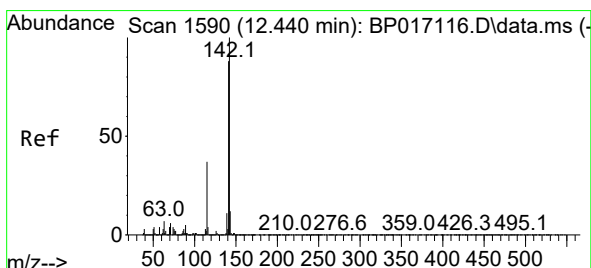
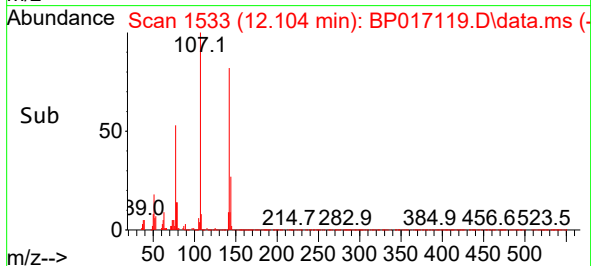
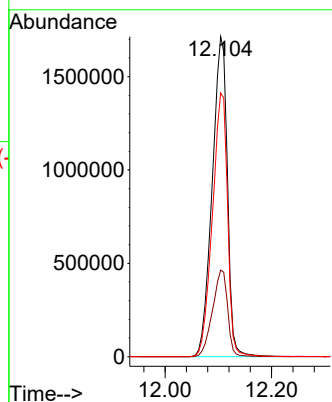
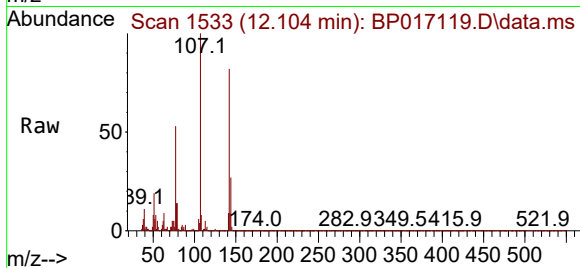




#35
4-Chloro-3-methylphenol
Concen: 161.747 ng/ul
RT: 12.104 min Scan# 1527
Delta R.T. 0.035 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

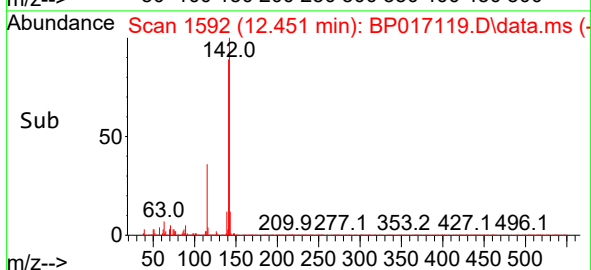
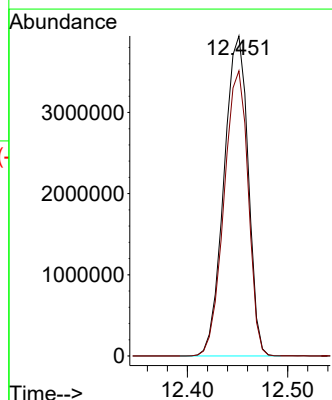
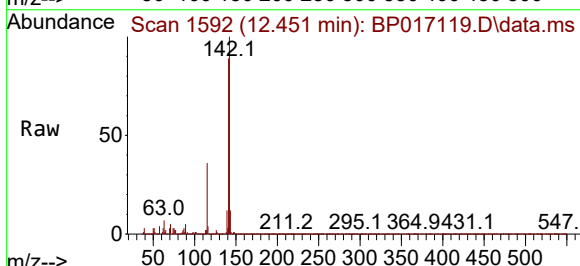
Instrument :
BNA_P
ClientSampleId :
SSTD160615

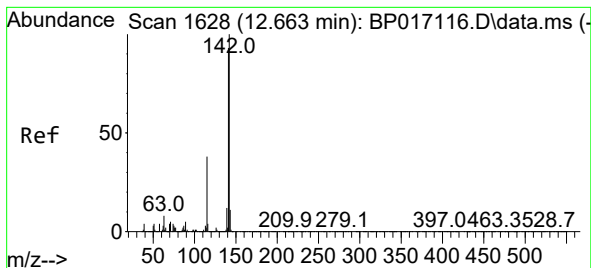
Tgt Ion:107 Resp: 3394629
Ion Ratio Lower Upper
107 100
144 27.0 20.6 31.0
142 82.4 63.4 95.0



#36
2-Methylnaphthalene
Concen: 145.885 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:142 Resp: 6602459
Ion Ratio Lower Upper
142 100
141 89.1 70.1 105.1





#37

1-Methylnaphthalene

Concen: 144.669 ng/ul

RT: 12.669 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

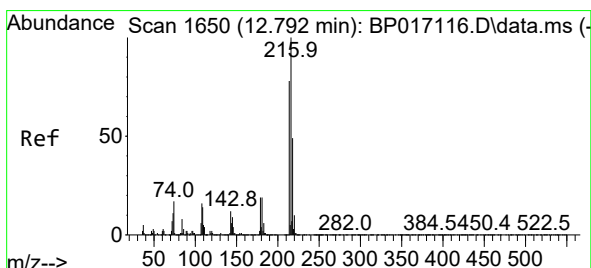
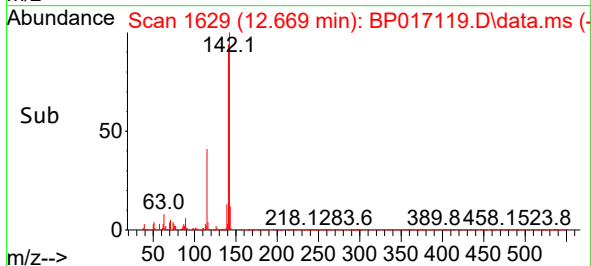
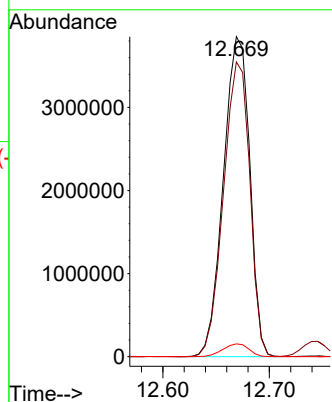
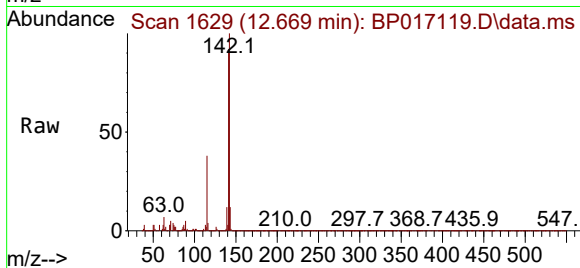
Tgt Ion:142 Resp: 6627530

Ion Ratio Lower Upper

142 100

141 92.1 74.1 111.1

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 156.412 ng/ul

RT: 12.798 min Scan# 1651

Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Tgt Ion:216 Resp: 3931145

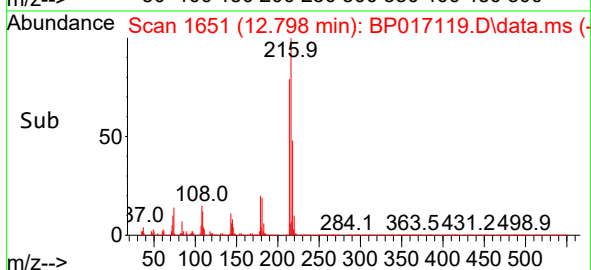
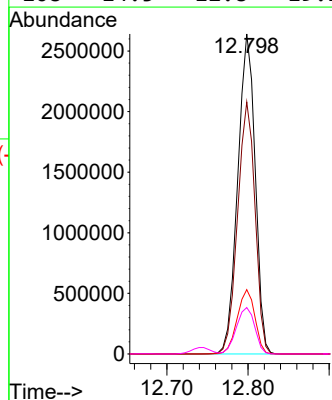
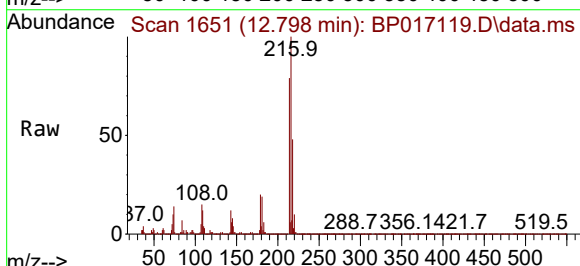
Ion Ratio Lower Upper

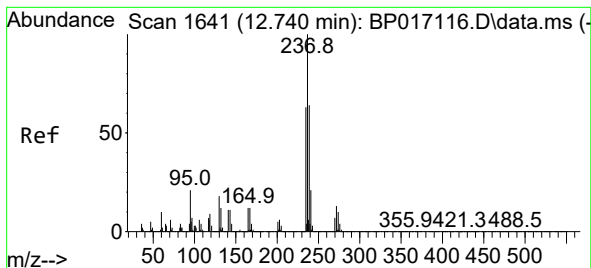
216 100

214 78.8 62.1 93.1

179 20.1 15.6 23.4

108 14.5 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 169.393 ng/ul

RT: 12.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

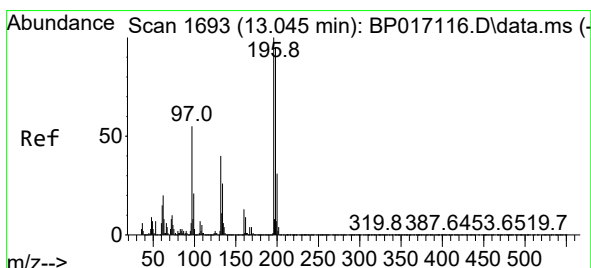
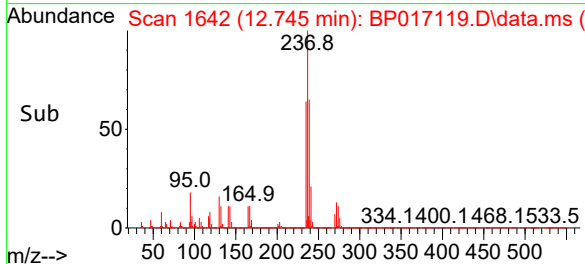
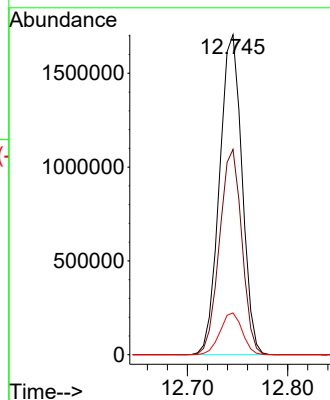
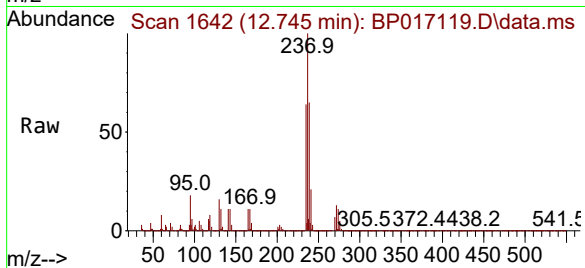
Tgt Ion:237 Resp: 2652594

Ion Ratio Lower Upper

237 100

235 64.1 50.4 75.6

272 13.1 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 167.800 ng/ul

RT: 13.057 min Scan# 1695

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

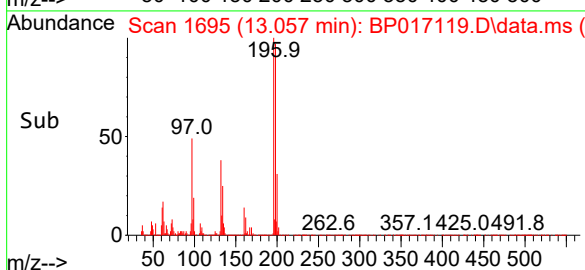
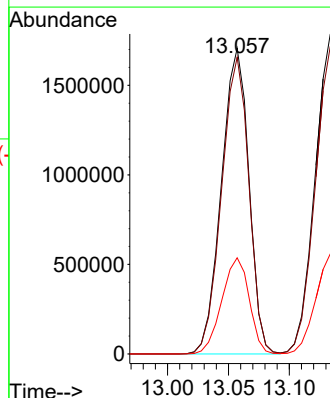
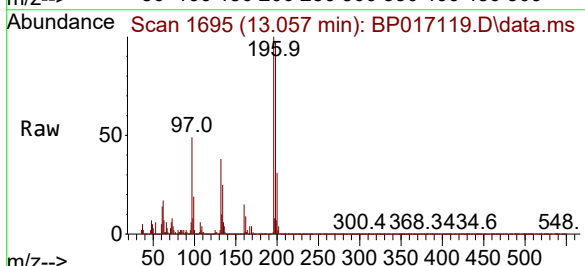
Tgt Ion:196 Resp: 2679157

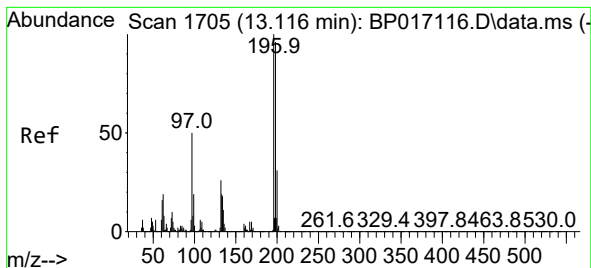
Ion Ratio Lower Upper

196 100

198 97.1 76.0 114.0

200 31.4 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 170.089 ng/ul

RT: 13.134 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

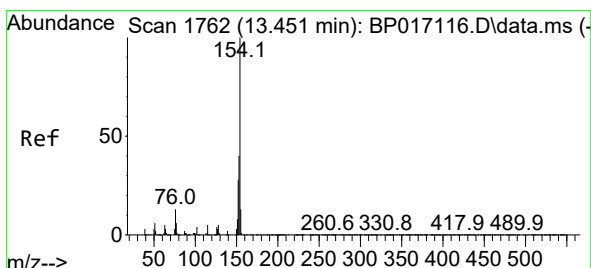
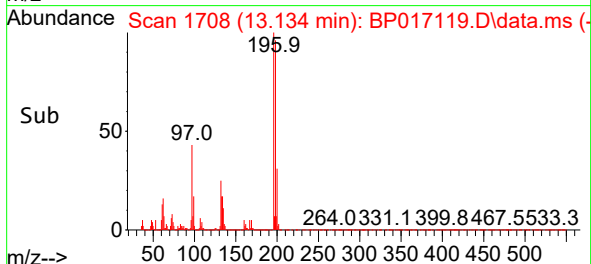
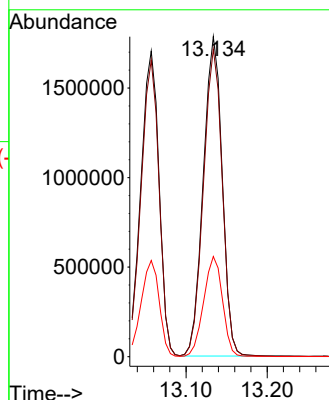
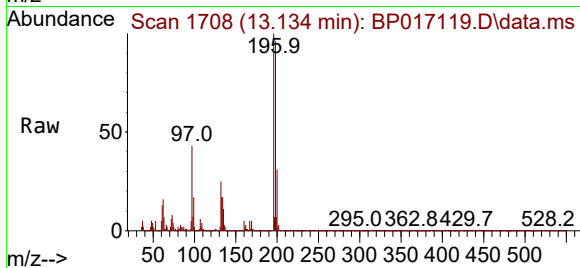
Tgt Ion:196 Resp: 2887170

Ion Ratio Lower Upper

196 100

198 96.2 76.9 115.3

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 138.089 ng/ul

RT: 13.463 min Scan# 1764

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

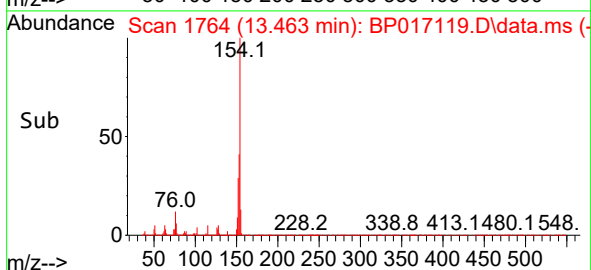
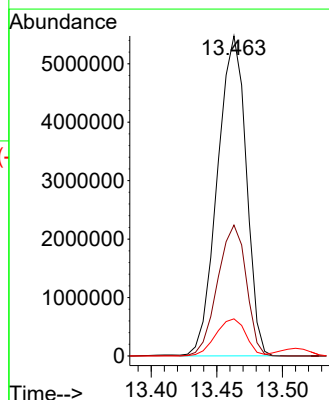
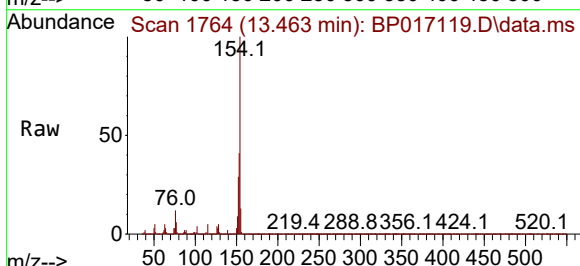
Tgt Ion:154 Resp: 8355775

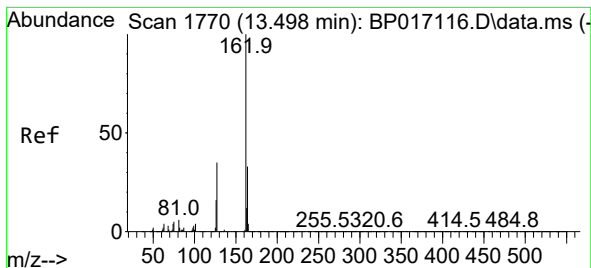
Ion Ratio Lower Upper

154 100

153 40.9 31.8 47.8

76 11.6 10.8 16.2





#44

2-Chloronaphthalene

Concen: 144.792 ng/ul

RT: 13.510 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

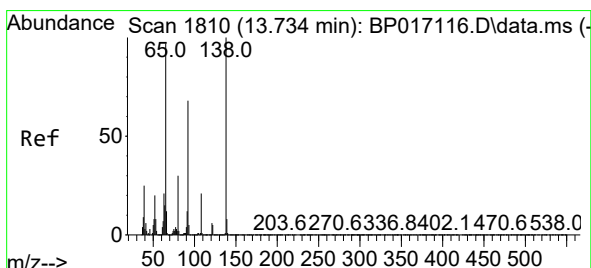
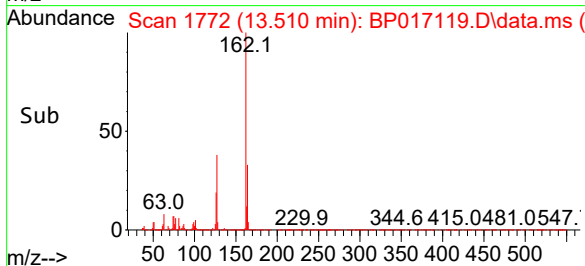
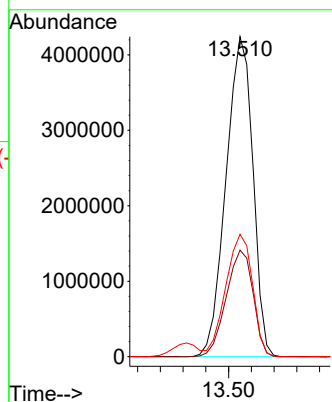
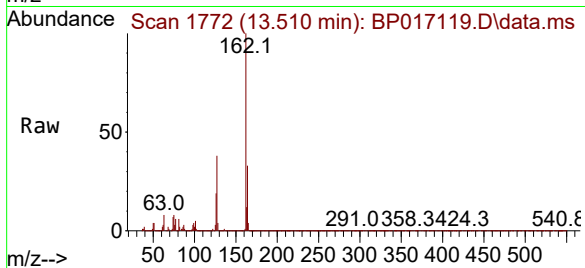
Tgt Ion:162 Resp: 6957683

Ion Ratio Lower Upper

162 100

164 33.3 26.6 39.8

127 38.3 31.0 46.4



#45

2-Nitroaniline

Concen: 171.251 ng/ul

RT: 13.757 min Scan# 1814

Delta R.T. 0.024 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

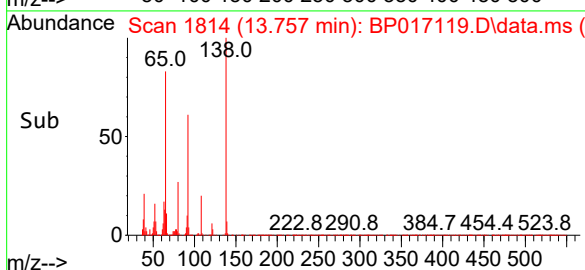
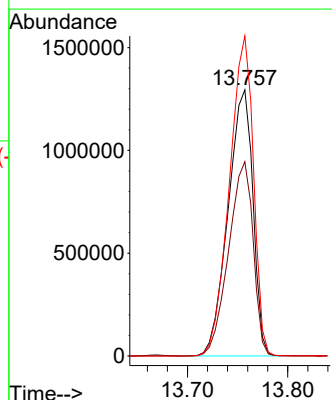
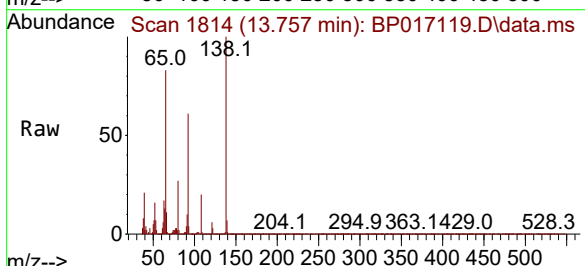
Tgt Ion: 65 Resp: 2228994

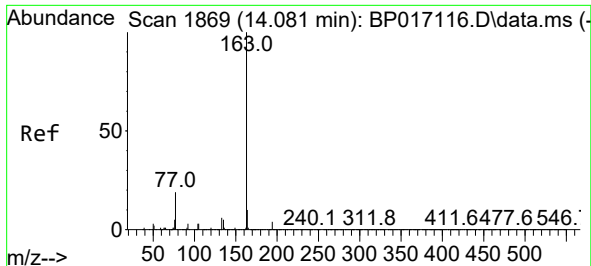
Ion Ratio Lower Upper

65 100

92 73.0 55.6 83.4

138 120.3 82.2 123.2

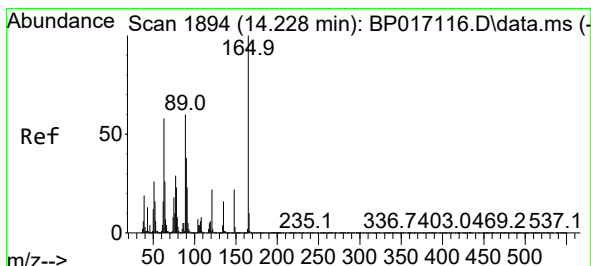
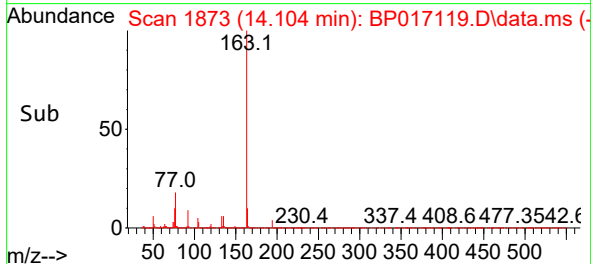
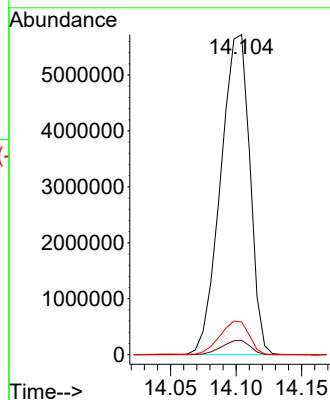
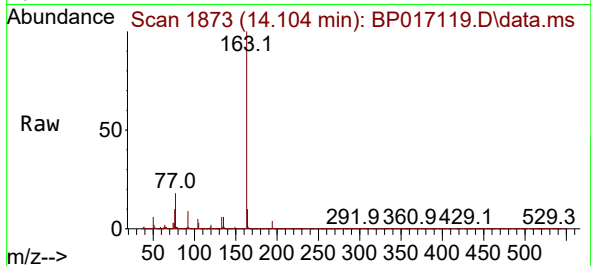




#47
Dimethylphthalate
Concen: 145.216 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

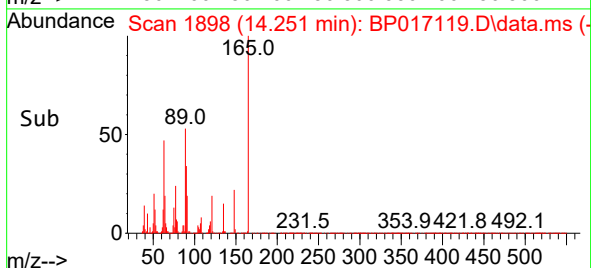
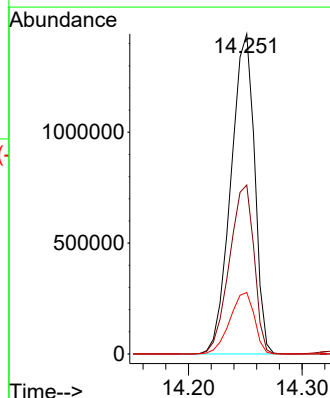
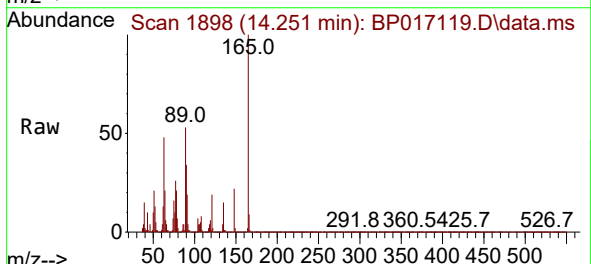
Instrument :
BNA_P
ClientSampleId :
SSTD160615

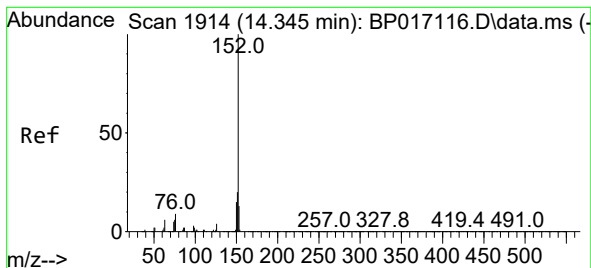
Tgt Ion:163 Resp: 8852303
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 187.646 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:165 Resp: 2090679
Ion Ratio Lower Upper
165 100
89 52.8 47.8 71.8
121 19.2 17.4 26.2





#50

Acenaphthylene

Concen: 136.709 ng/ul

RT: 14.363 min Scan# 1917

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

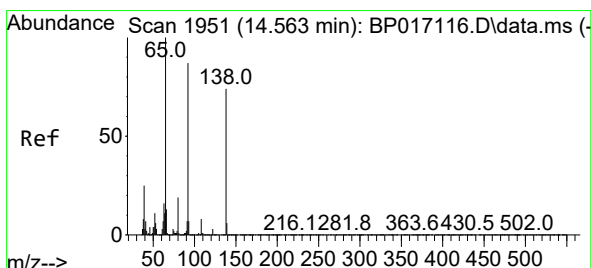
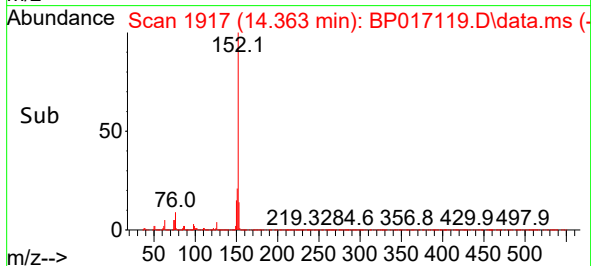
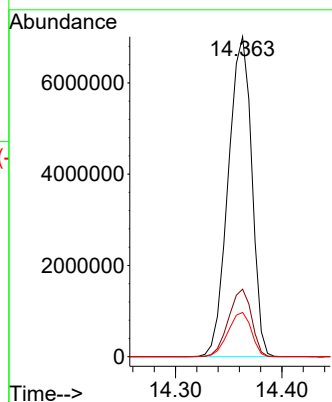
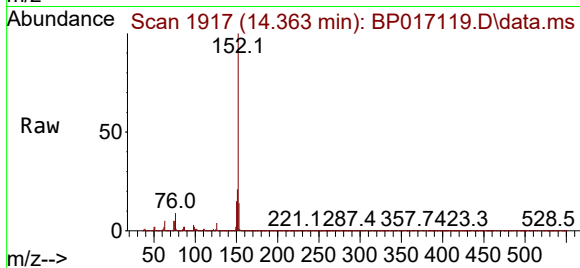
Tgt Ion:152 Resp:10761270

Ion Ratio Lower Upper

152 100

151 21.1 15.8 23.8

153 13.8 10.6 15.8



#51

3-Nitroaniline

Concen: 163.263 ng/ul

RT: 14.592 min Scan# 1956

Delta R.T. 0.029 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

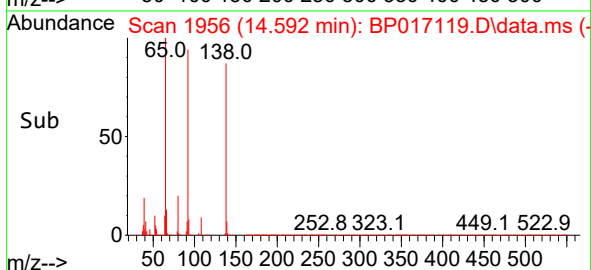
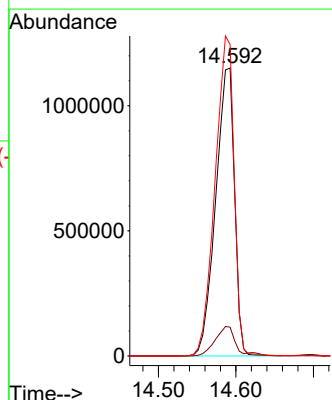
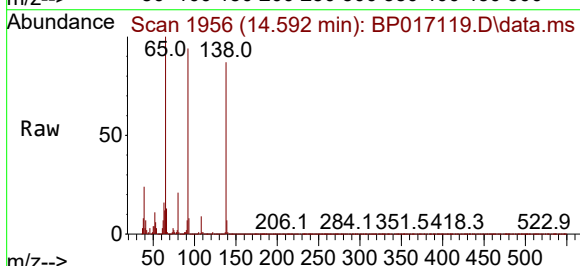
Tgt Ion:138 Resp: 1946493

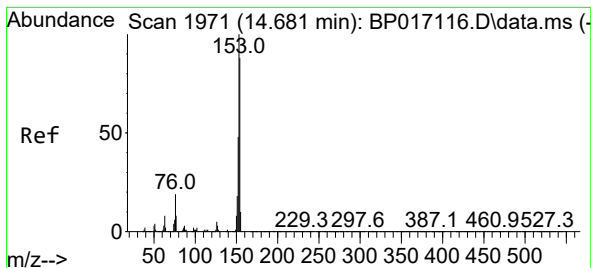
Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

92 108.1 94.2 141.4





#52

Acenaphthene

Concen: 138.198 ng/ul

RT: 14.692 min Scan# 1973

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

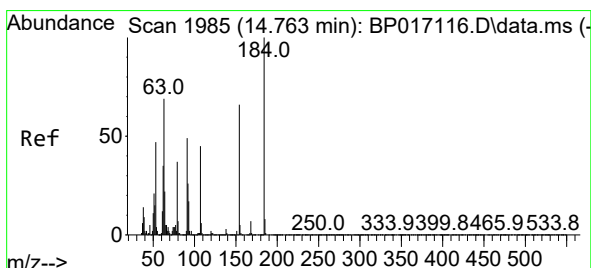
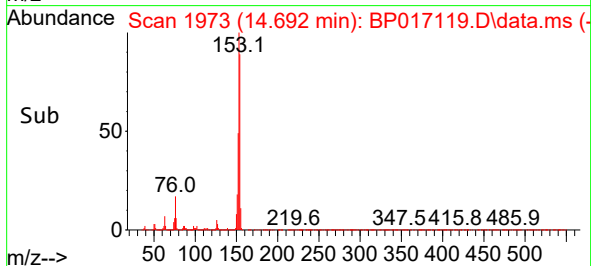
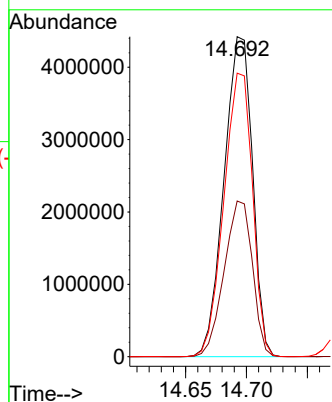
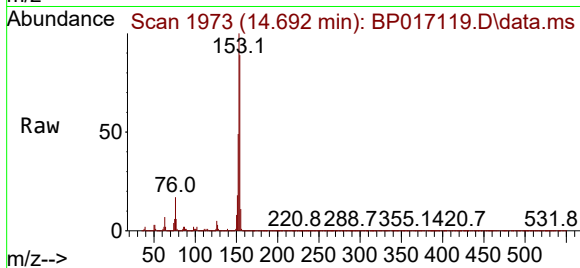
Tgt Ion:153 Resp: 7198603

Ion Ratio Lower Upper

153 100

152 48.6 38.6 57.8

154 88.6 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 194.778 ng/ul

RT: 14.786 min Scan# 1989

Delta R.T. 0.024 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

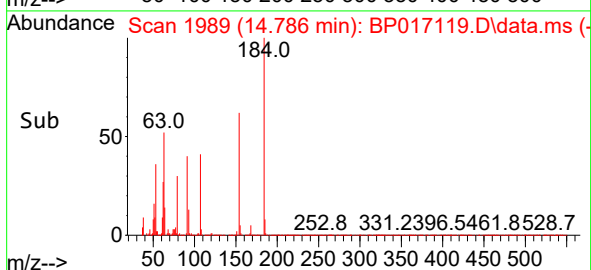
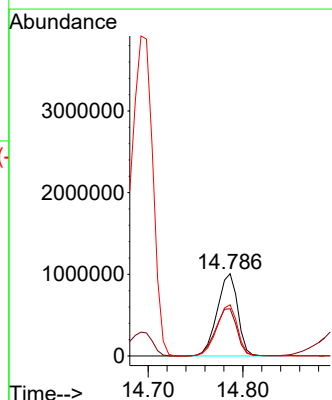
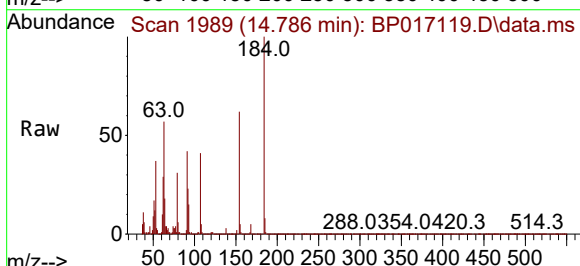
Tgt Ion:184 Resp: 1520443

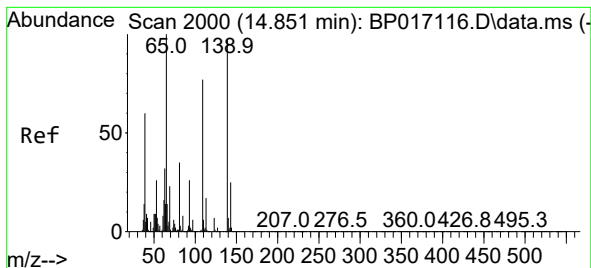
Ion Ratio Lower Upper

184 100

63 57.3 55.2 82.8

154 62.2 53.0 79.4

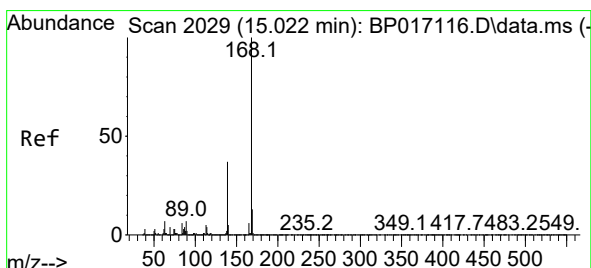
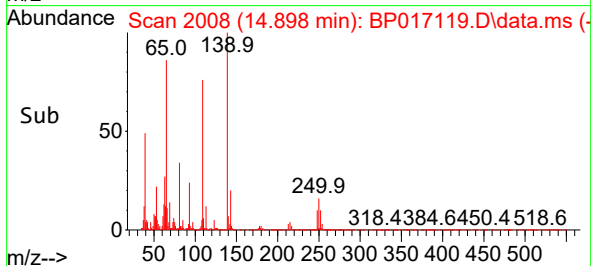
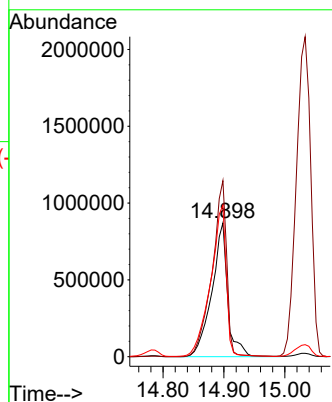
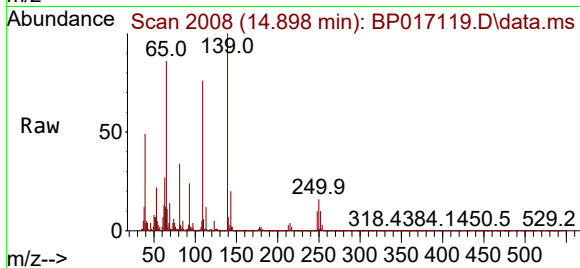




#55
4-Nitrophenol
Concen: 169.752 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. 0.047 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

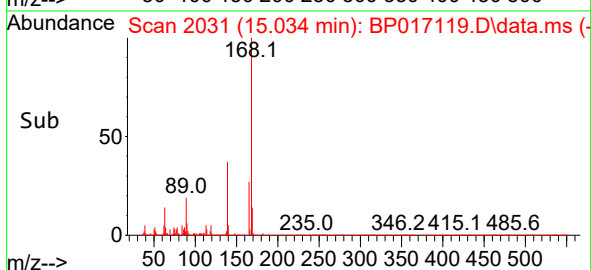
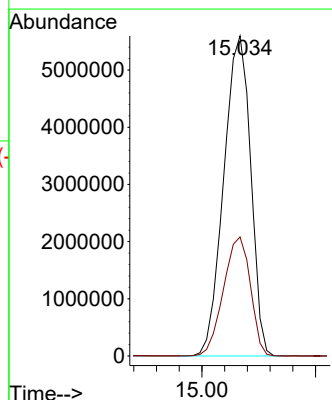
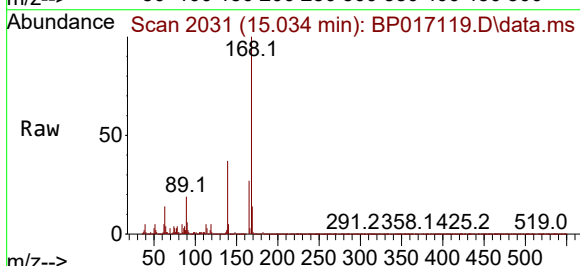
Instrument :
BNA_P
ClientSampleId :
SSTD160615

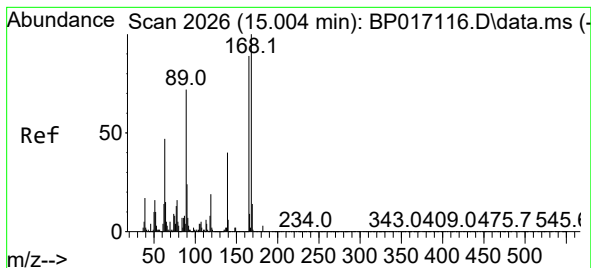
Tgt Ion:109 Resp: 1576825
Ion Ratio Lower Upper
109 100
139 131.6 101.1 151.7
65 113.4 105.0 157.4



#56
Dibenzofuran
Concen: 127.882 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:168 Resp: 9205383
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 156.691 ng/ul

RT: 15.034 min Scan# 2026

Delta R.T. 0.029 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

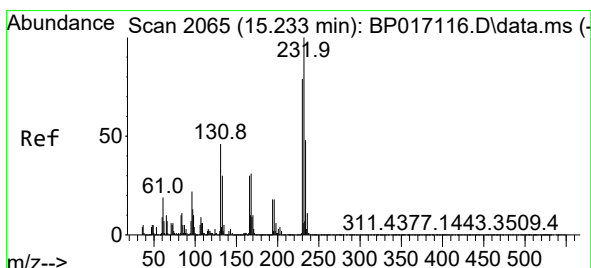
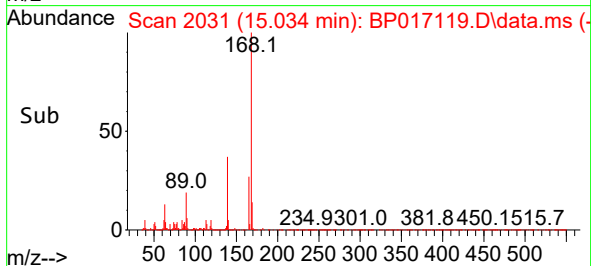
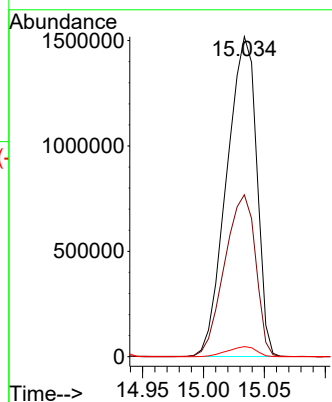
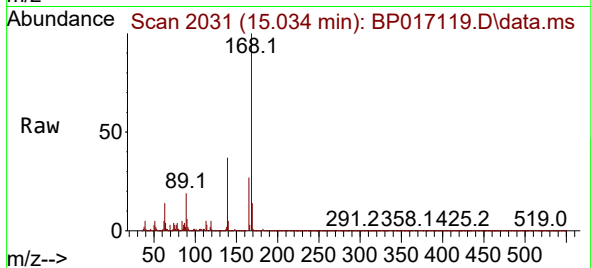
Tgt Ion:165 Resp: 2600292

Ion Ratio Lower Upper

165 100

63 50.6 42.3 63.5

182 3.2 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 173.214 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Tgt Ion:232 Resp: 2579371

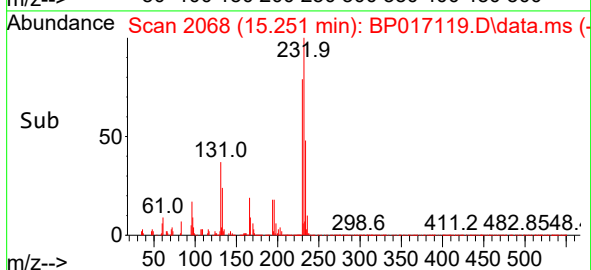
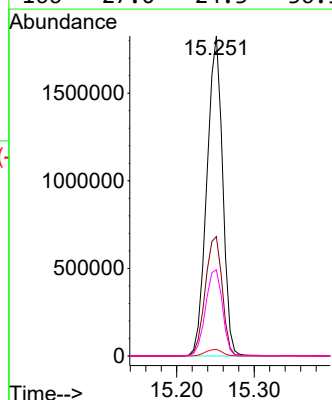
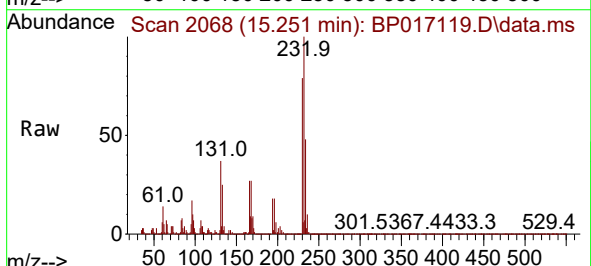
Ion Ratio Lower Upper

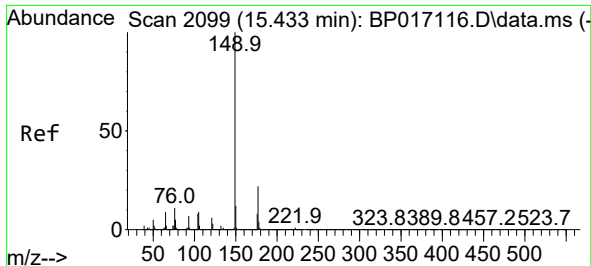
232 100

131 37.3 37.0 55.6

130 2.1 1.8 2.8

166 27.0 24.3 36.5

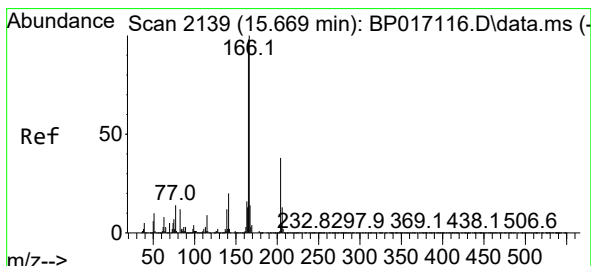
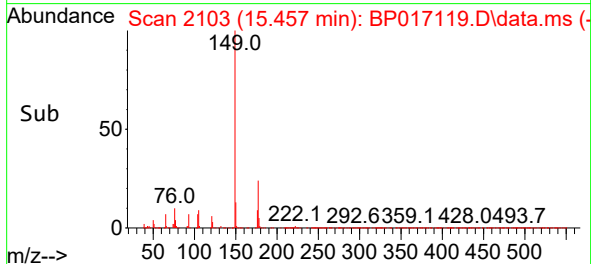
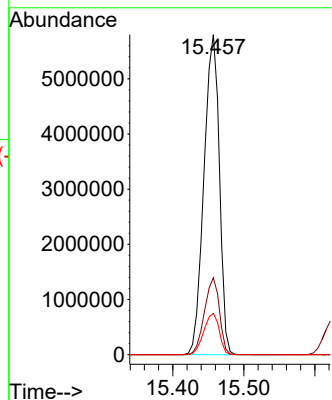
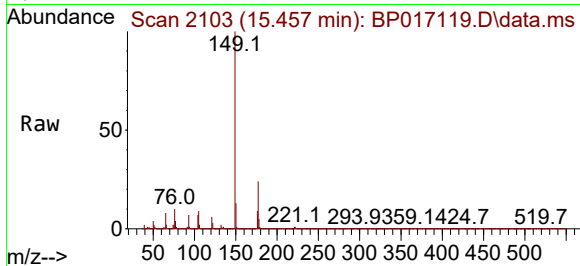




#59
Diethylphthalate
Concen: 145.481 ng/ul
RT: 15.457 min Scan# 2119
Delta R.T. 0.024 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

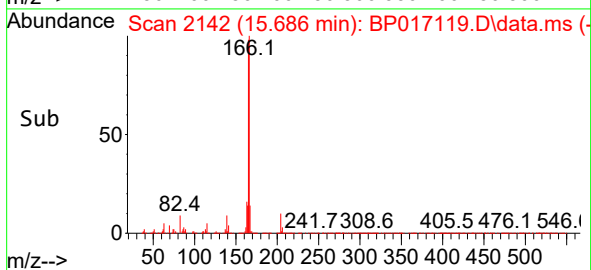
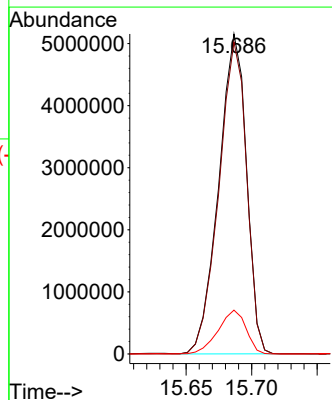
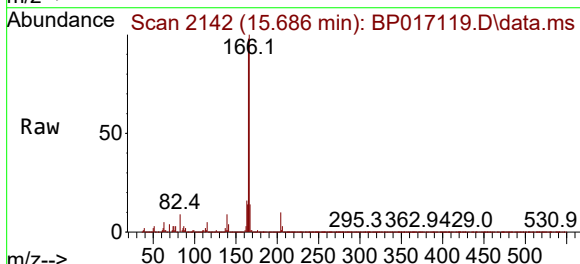
Instrument :
BNA_P
ClientSampleId :
SSTD160615

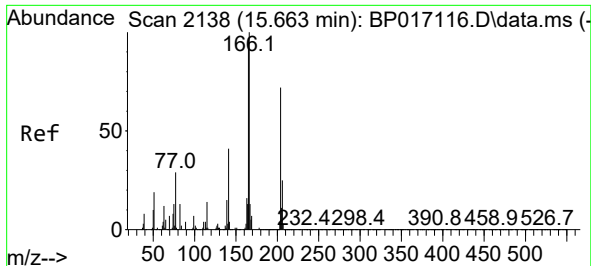
Tgt Ion:149 Resp: 8755957
Ion Ratio Lower Upper
149 100
177 24.0 17.5 26.3
150 12.9 10.0 15.0



#61
Fluorene
Concen: 127.409 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. 0.018 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:166 Resp: 7582487
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.7 11.0 16.4

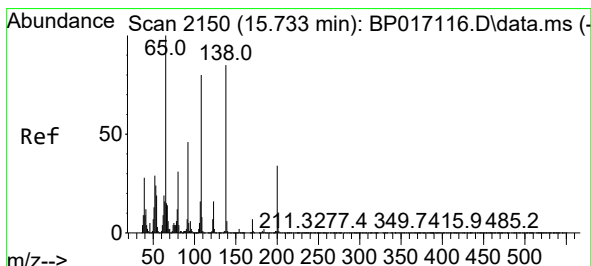
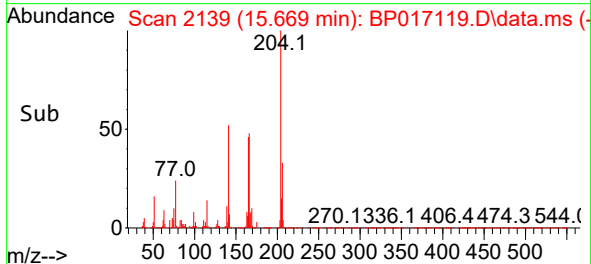
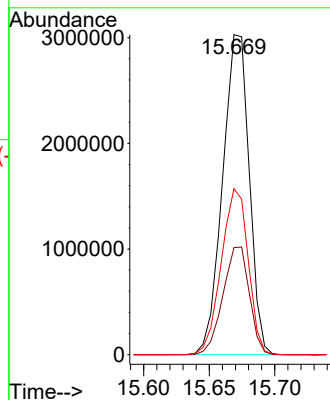
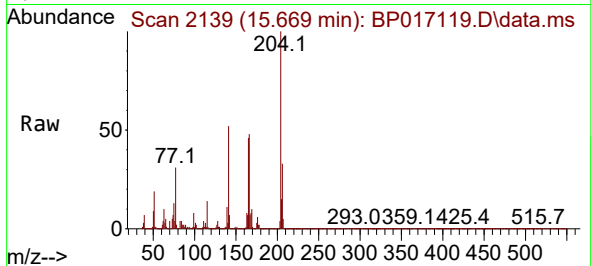




#62
4-Chlorophenyl-phenylether
Concen: 141.372 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

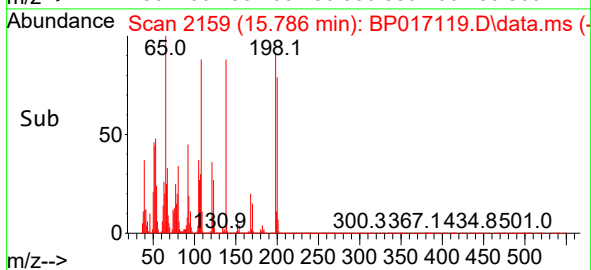
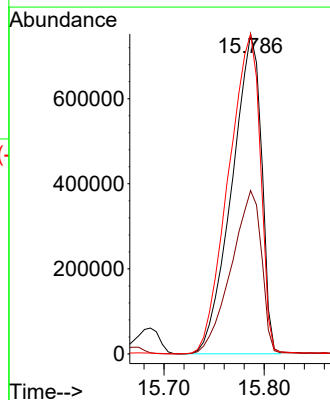
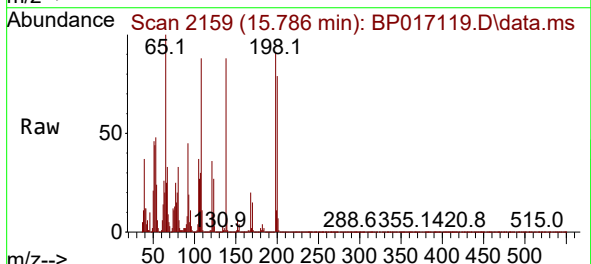
Instrument :
BNA_P
ClientSampleId :
SSTD160615

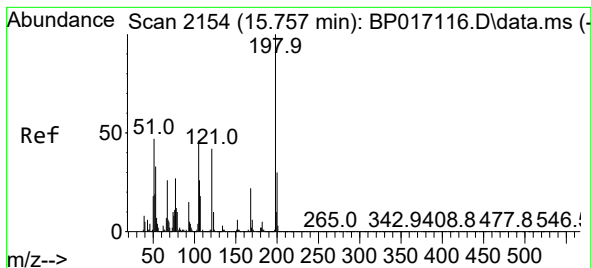
Tgt Ion:204 Resp: 4277595
Ion Ratio Lower Upper
204 100
206 33.5 27.3 40.9
141 51.9 45.0 67.6



#63
4-Nitroaniline
Concen: 139.269 ng/ul
RT: 15.786 min Scan# 2159
Delta R.T. 0.053 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:138 Resp: 1543642
Ion Ratio Lower Upper
138 100
92 51.1 43.3 64.9
108 100.0 75.3 112.9

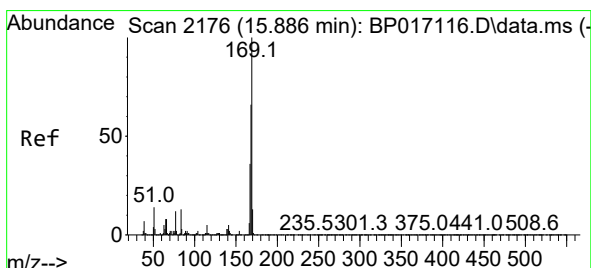
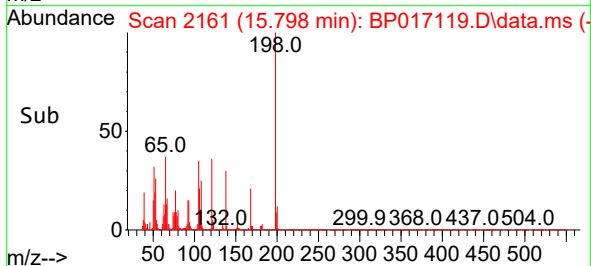
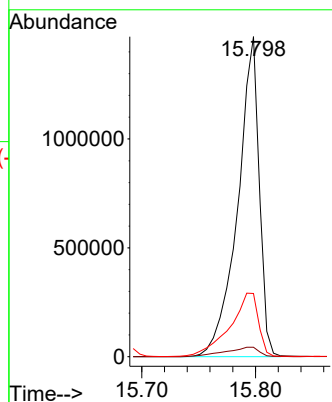
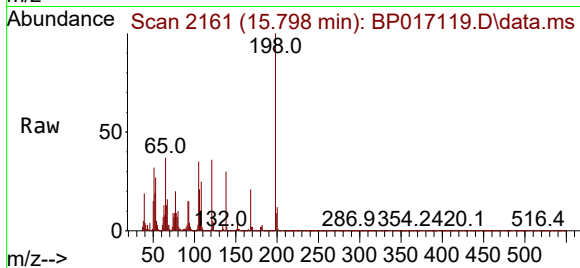




#66
4,6-Dinitro-2-methylphenol
Concen: 166.413 ng/ul
RT: 15.798 min Scan# 2154
Delta R.T. 0.041 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

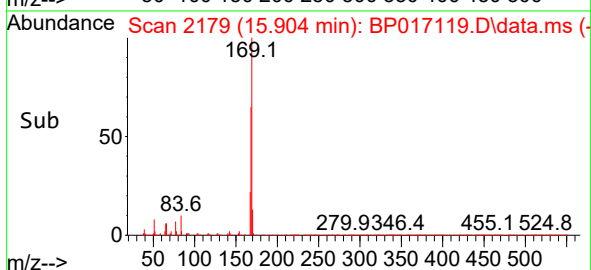
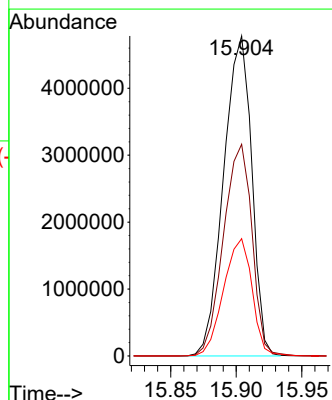
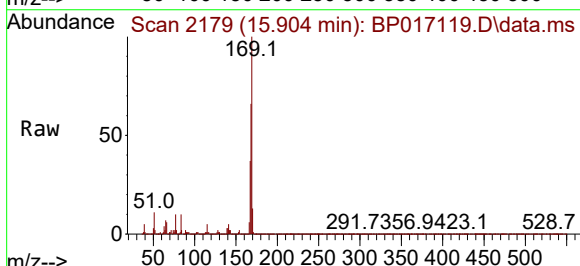
Instrument :
BNA_P
ClientSampleId :
SSTD160615

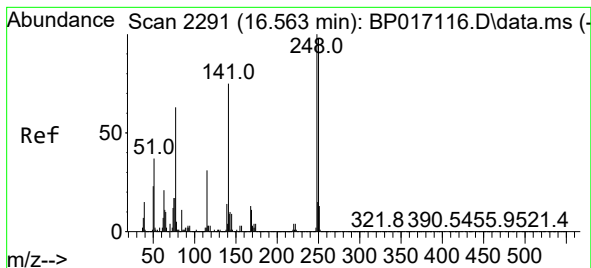
Tgt Ion:198 Resp: 1925705
Ion Ratio Lower Upper
198 100
182 3.0 4.2 6.2#
77 19.8 22.5 33.7#



#67
N-Nitrosodiphenylamine
Concen: 142.159 ng/ul
RT: 15.904 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:169 Resp: 7133784
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.7 29.0 43.4

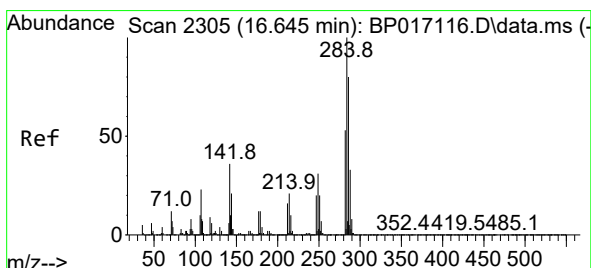
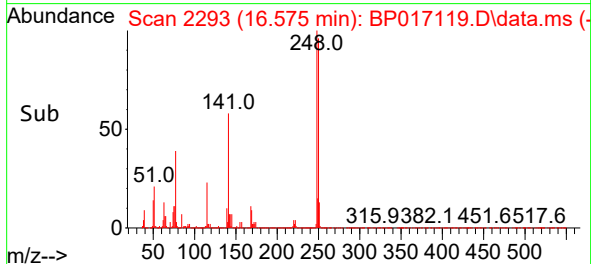
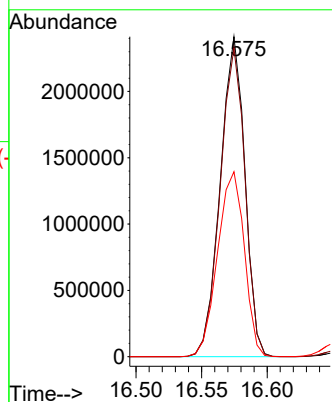
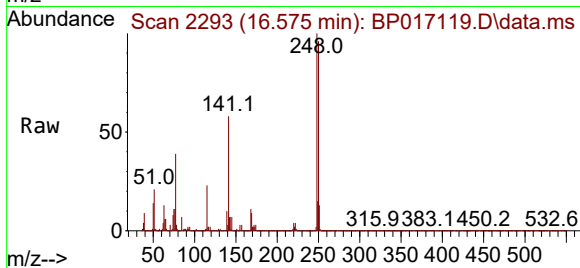




#68
4-Bromophenyl-phenylether
Concen: 171.502 ng/ul
RT: 16.575 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

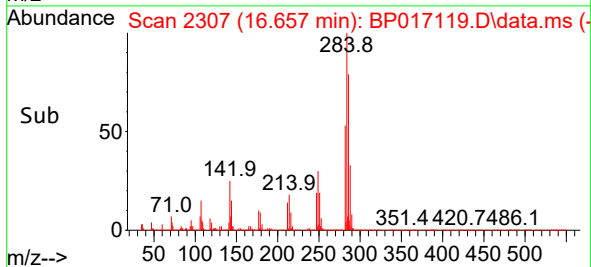
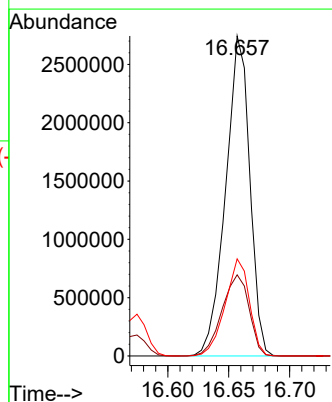
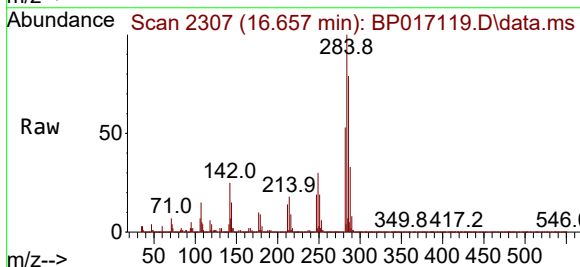
Instrument :
BNA_P
ClientSampleId :
SSTD160615

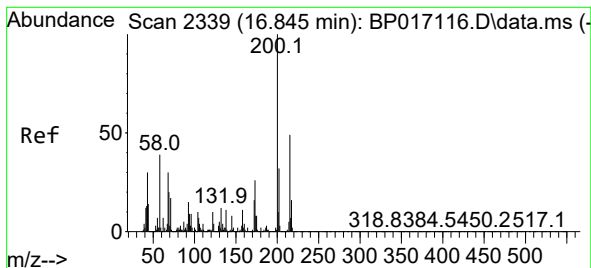
Tgt Ion:248 Resp: 3155047
Ion Ratio Lower Upper
248 100
250 96.5 78.6 118.0
141 57.8 60.4 90.6#



#69
Hexachlorobenzene
Concen: 173.824 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:284 Resp: 3784976
Ion Ratio Lower Upper
284 100
142 25.3 28.6 42.8#
249 30.4 25.0 37.6





#70

Atrazine

Concen: 142.969 ng/ul

RT: 16.869 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

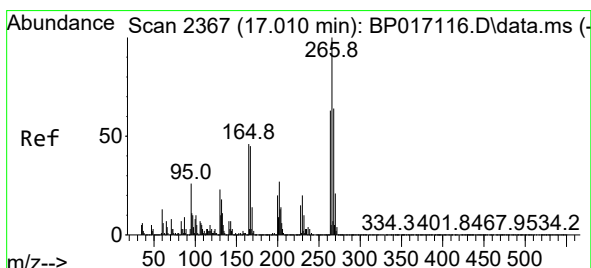
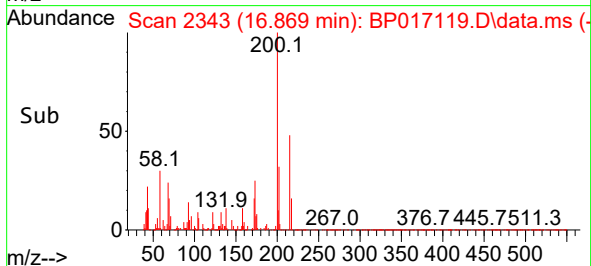
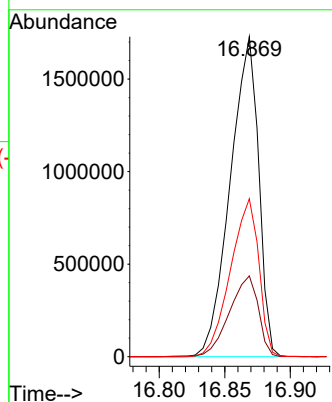
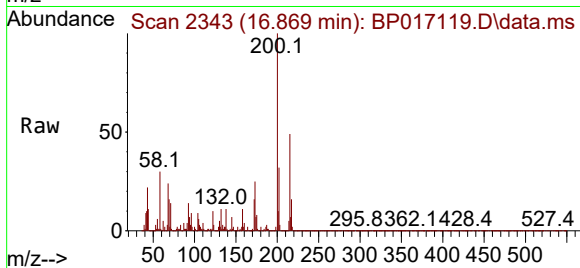
Tgt Ion:200 Resp: 2597015

Ion Ratio Lower Upper

200 100

173 25.2 20.7 31.1

215 49.3 38.8 58.2



#71

Pentachlorophenol

Concen: 179.608 ng/ul

RT: 17.022 min Scan# 2369

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

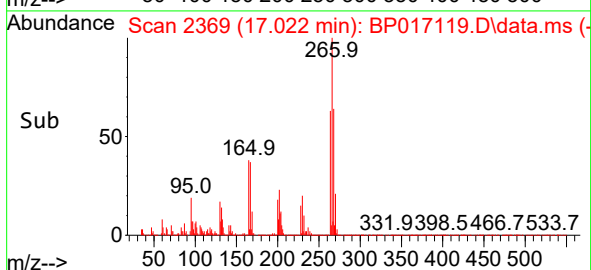
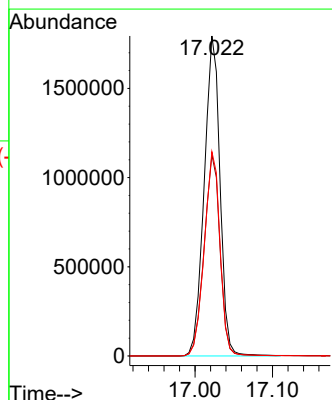
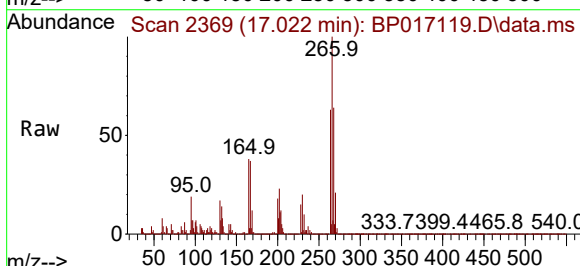
Tgt Ion:266 Resp: 2541681

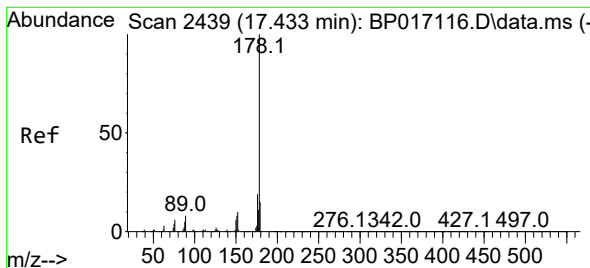
Ion Ratio Lower Upper

266 100

264 62.9 50.7 76.1

268 63.9 51.1 76.7





#72

Phenanthrene

Concen: 137.417 ng/ul

RT: 17.445 min Scan# 2441

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

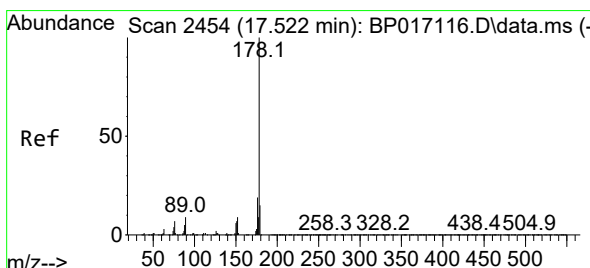
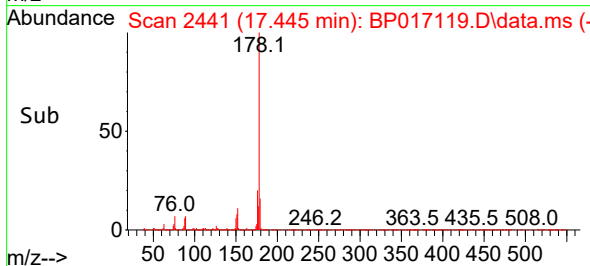
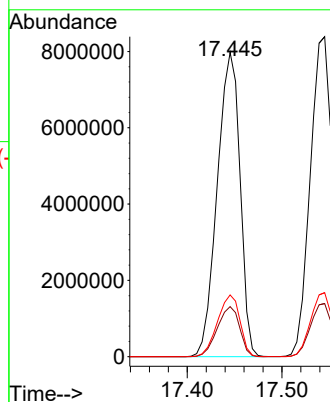
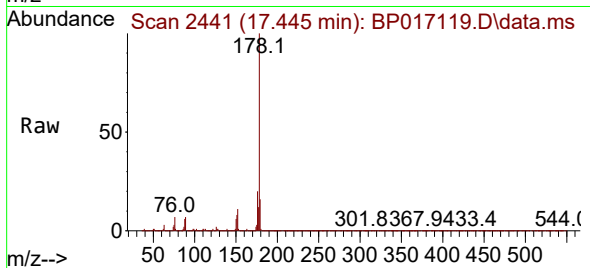
Tgt Ion:178 Resp:13327721

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.2

176 20.3 15.6 23.4



#74

Anthracene

Concen: 132.913 ng/ul

RT: 17.545 min Scan# 2458

Delta R.T. 0.024 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

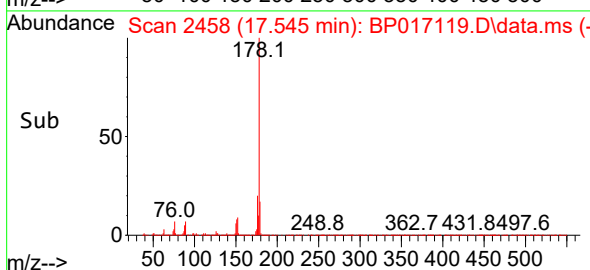
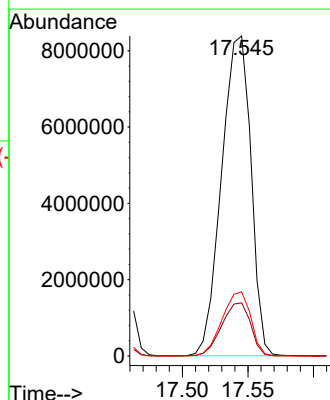
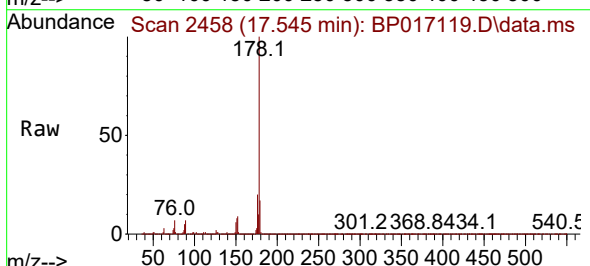
Tgt Ion:178 Resp:13056151

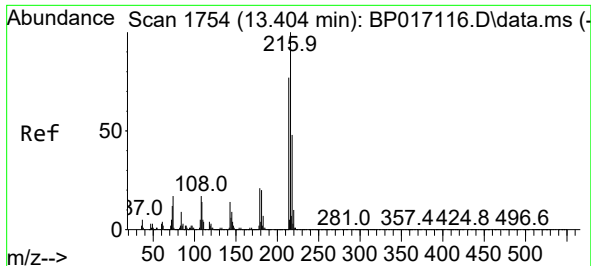
Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 20.0 14.9 22.3

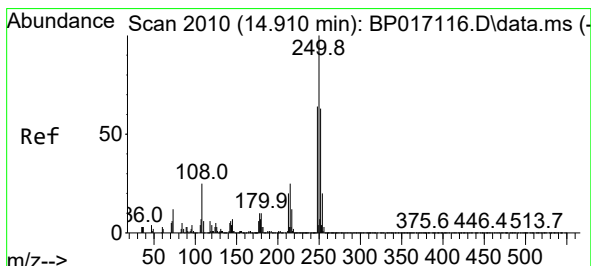
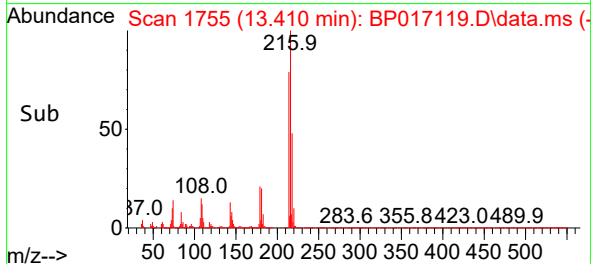
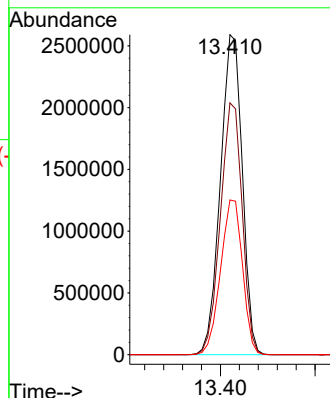
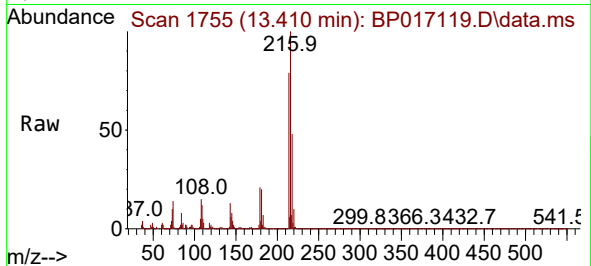




#75
1,2,3,4-Tetrachlorobenzene
Concen: 156.109 ng/uL
RT: 13.410 min Scan# 1755
Delta R.T. 0.006 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

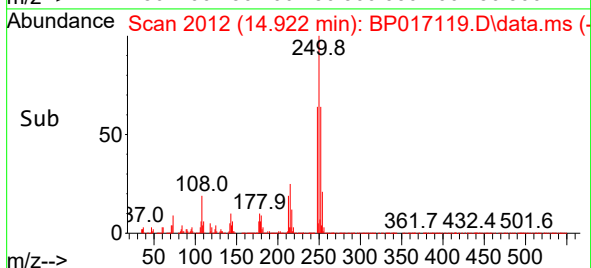
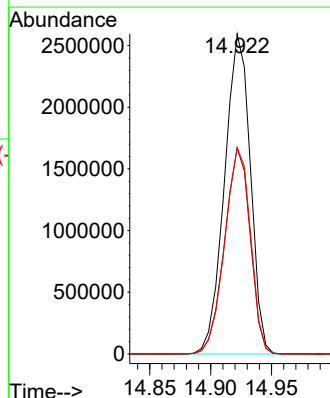
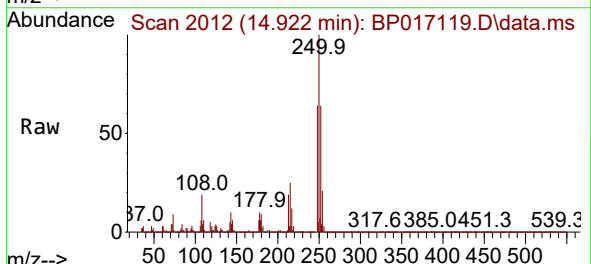
Instrument :
BNA_P
ClientSampleId :
SSTD160615

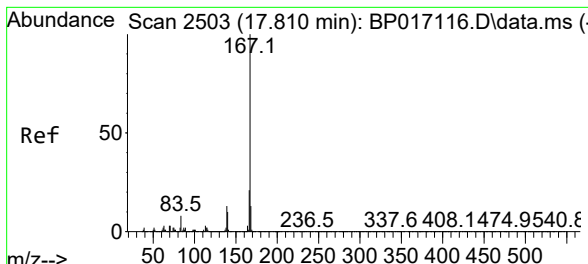
Tgt Ion:216 Resp: 4165631
Ion Ratio Lower Upper
216 100
214 78.7 61.3 91.9
218 48.4 38.3 57.5



#76
Pentachlorobenzene
Concen: 157.955 ng/uL
RT: 14.922 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:250 Resp: 3824578
Ion Ratio Lower Upper
250 100
248 64.4 51.1 76.7
252 64.4 50.7 76.1



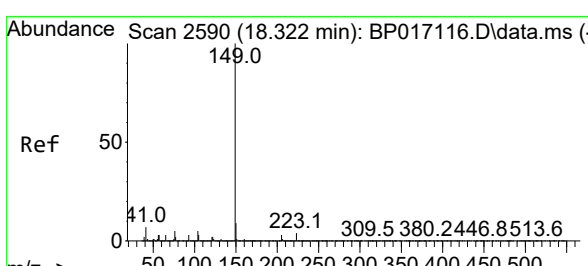
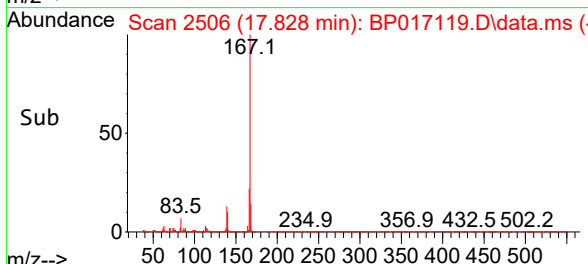
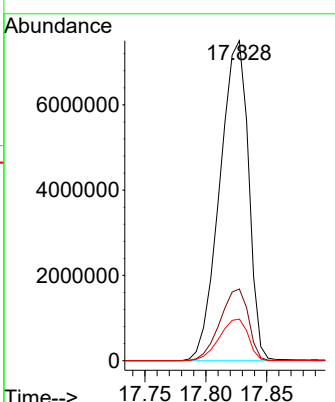
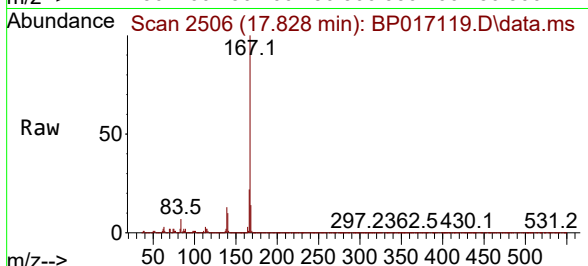


#77
 Carbazole
 Concen: 142.842 ng/ul
 RT: 17.828 min Scan# 2506
 Delta R.T. 0.018 min
 Lab File: BP017119.D
 Acq: 12 Sep 2023 15:23

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160615

Tgt Ion:167 Resp:12320728

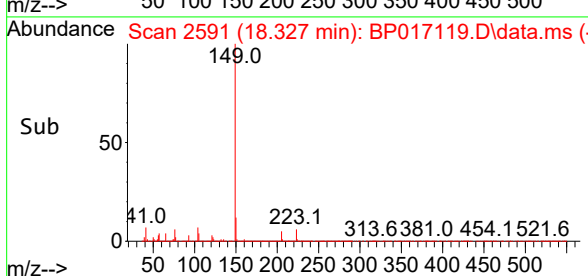
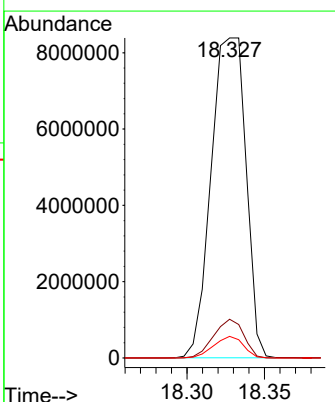
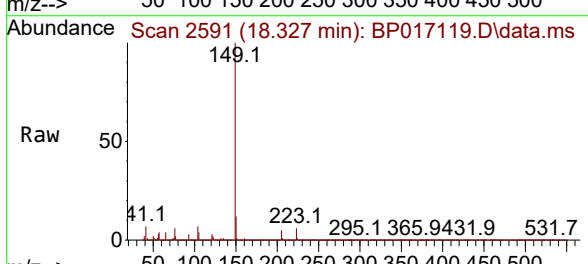
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.6
139	13.0	10.4	15.6

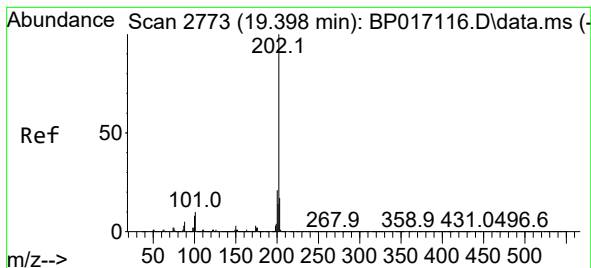


#78
 Di-n-butylphthalate
 Concen: 133.407 ng/ul
 RT: 18.327 min Scan# 2591
 Delta R.T. 0.006 min
 Lab File: BP017119.D
 Acq: 12 Sep 2023 15:23

Tgt Ion:149 Resp:13112432

Ion	Ratio	Lower	Upper
149	100		
150	12.1	7.2	10.8#
104	6.8	4.2	6.4#





#80

Fluoranthene

Concen: 136.761 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

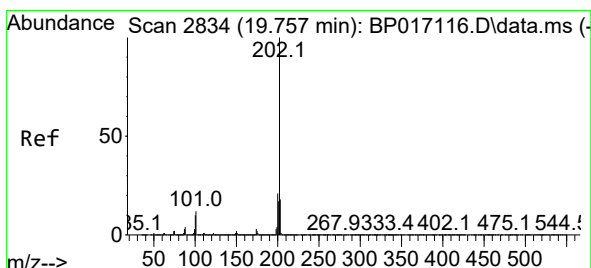
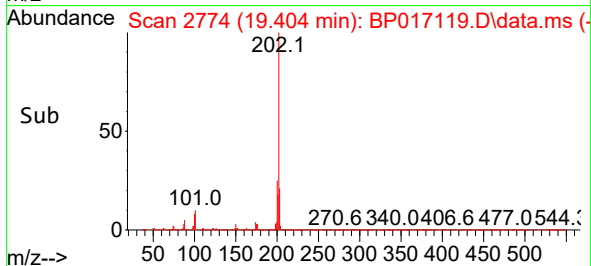
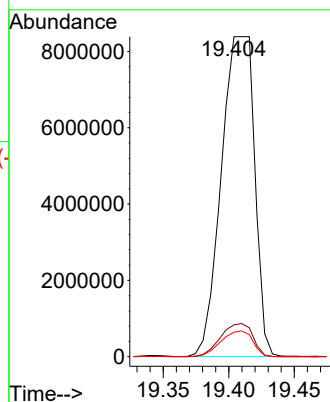
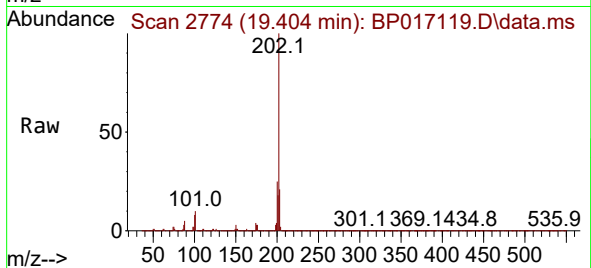
Tgt Ion:202 Resp:14848937

Ion Ratio Lower Upper

202 100

101 9.9 8.3 12.5

100 7.7 6.4 9.6



#82

Pyrene

Concen: 123.686 ng/ul

RT: 19.769 min Scan# 2836

Delta R.T. 0.012 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

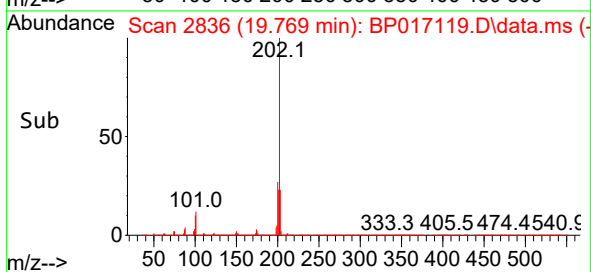
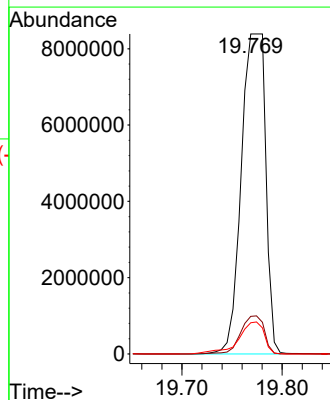
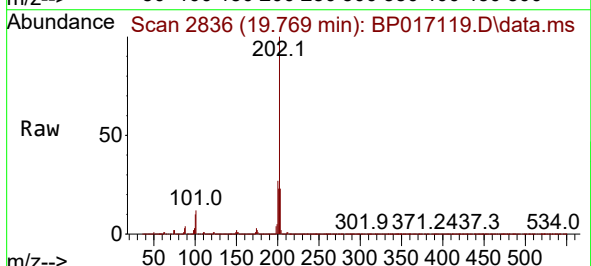
Tgt Ion:202 Resp:14189698

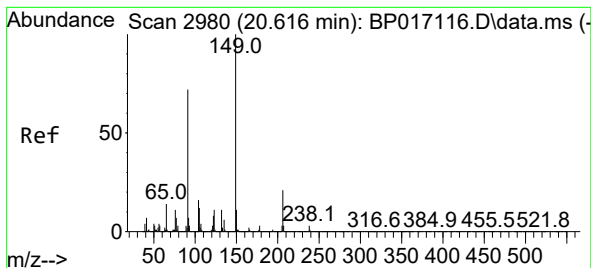
Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

100 9.7 7.8 11.8





#83

Butylbenzylphthalate

Concen: 166.325 ng/ul

RT: 20.621 min Scan# 2980

Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

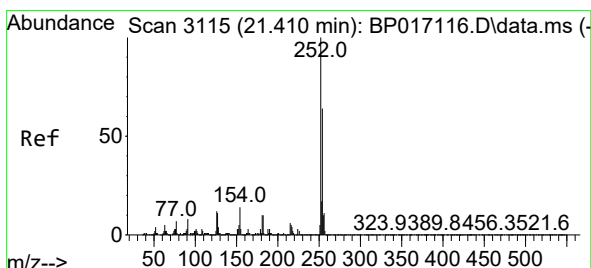
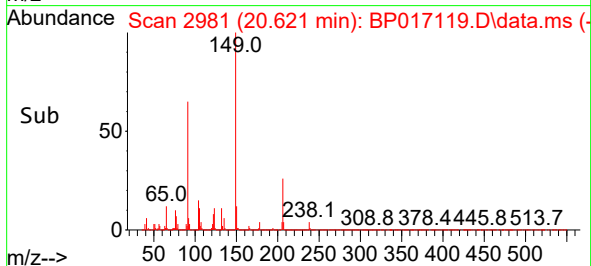
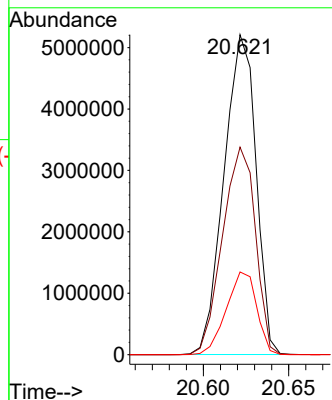
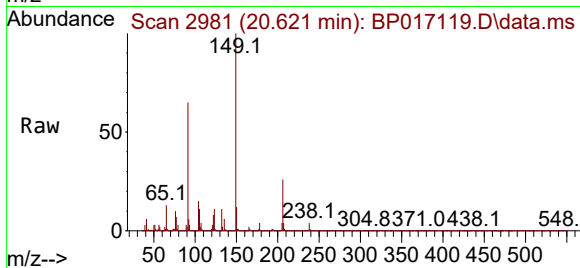
Tgt Ion:149 Resp: 6805455

Ion Ratio Lower Upper

149 100

91 64.9 57.4 86.0

206 25.9 16.7 25.1#



#84

3,3'-Dichlorobenzidine

Concen: 161.984 ng/ul

RT: 21.427 min Scan# 3118

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

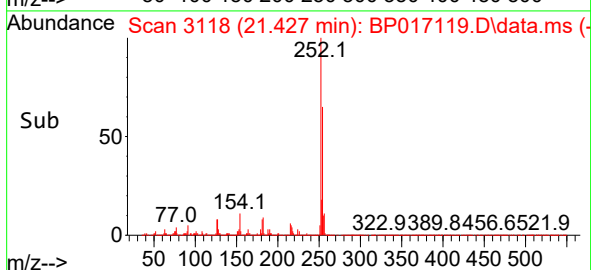
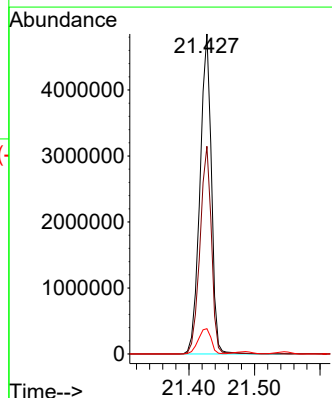
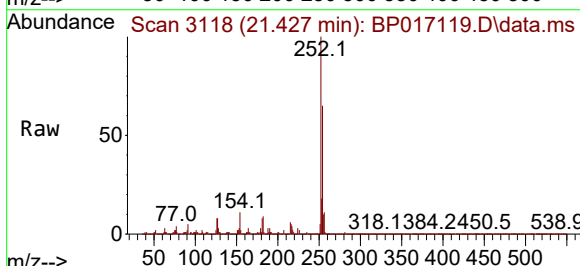
Tgt Ion:252 Resp: 5882204

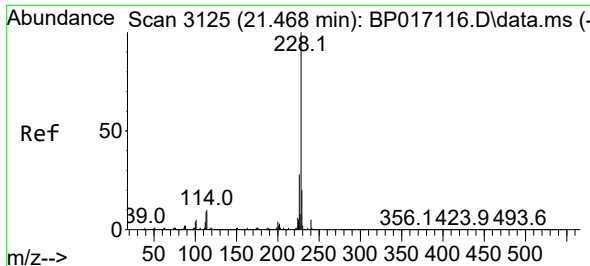
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.2

126 7.9 9.4 14.2#

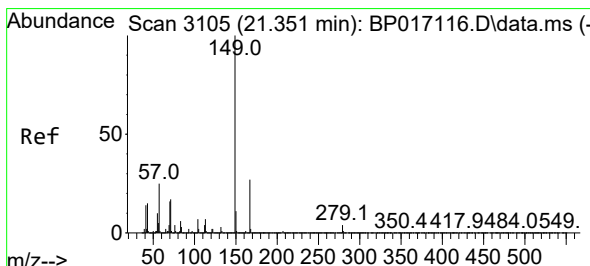
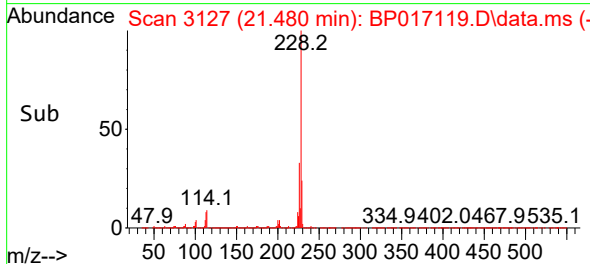
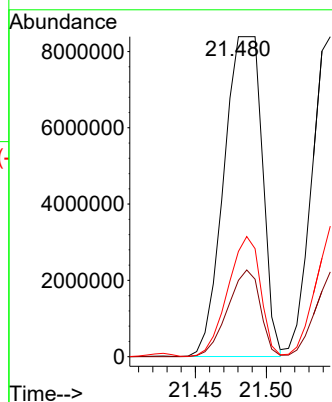
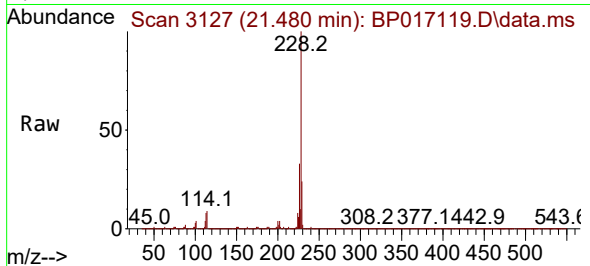




#85
Benzo(a)anthracene
Concen: 135.887 ng/ul
RT: 21.480 min Scan# 3125
Delta R.T. 0.012 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

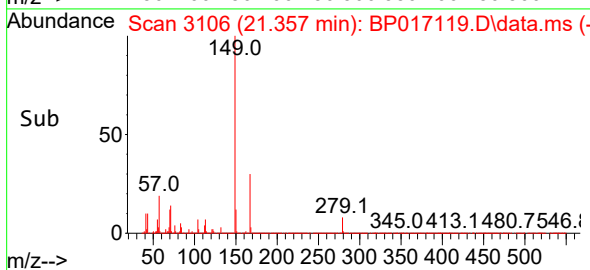
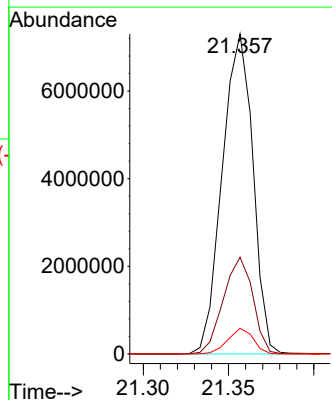
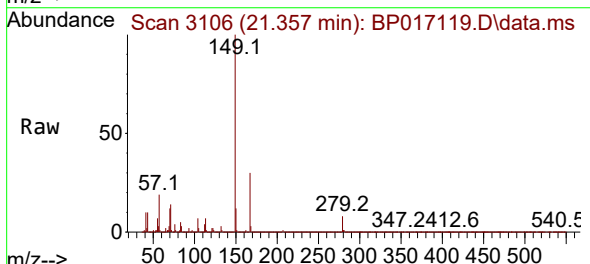
Instrument :
BNA_P
ClientSampleId :
SSTD160615

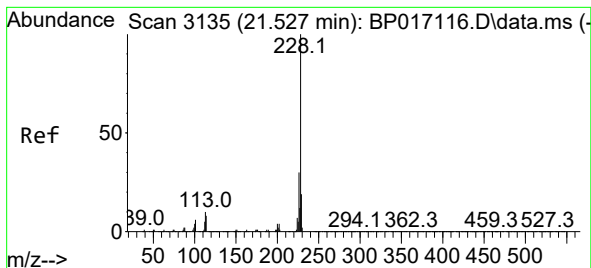
Tgt Ion:228 Resp:15759189
Ion Ratio Lower Upper
228 100
229 23.9 16.1 24.1
226 32.9 22.2 33.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 159.042 ng/ul
RT: 21.357 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:149 Resp: 9134958
Ion Ratio Lower Upper
149 100
167 30.3 21.3 31.9
279 8.0 3.4 5.2#





#87

Chrysene

Concen: 131.930 ng/ul

RT: 21.545 min Scan# 3135

Delta R.T. 0.018 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

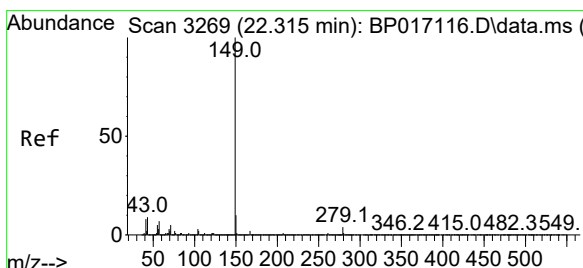
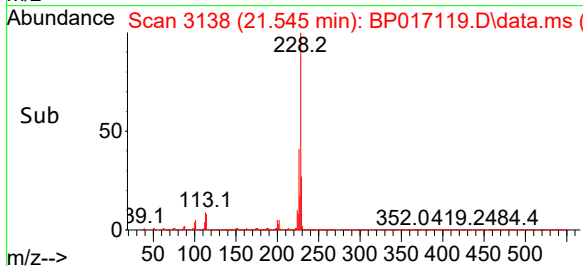
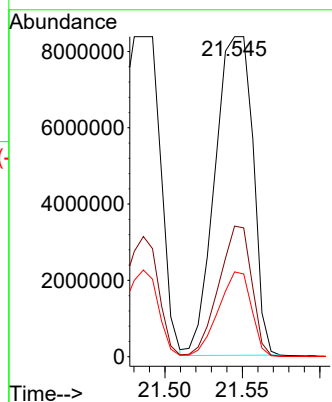
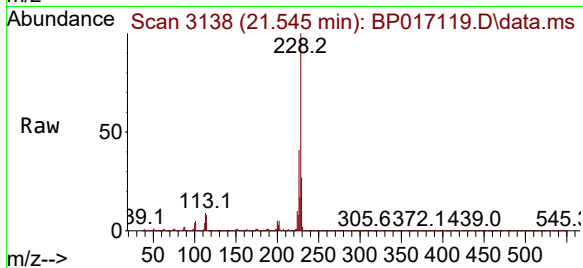
Tgt Ion:228 Resp:14232643

Ion Ratio Lower Upper

228 100

226 40.8 23.9 35.9#

229 26.5 15.3 22.9#



#89

Di-n-octyl phthalate

Concen: 161.599 ng/ul

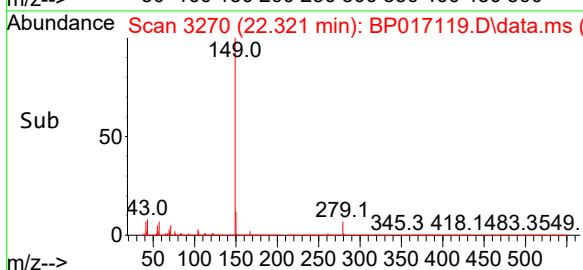
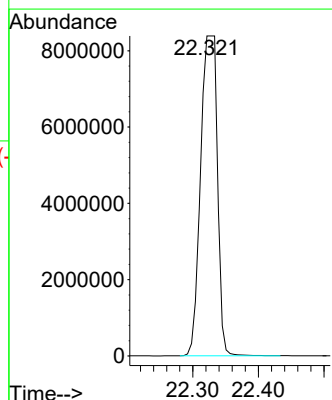
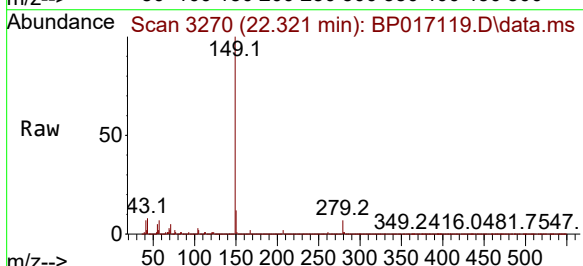
RT: 22.321 min Scan# 3270

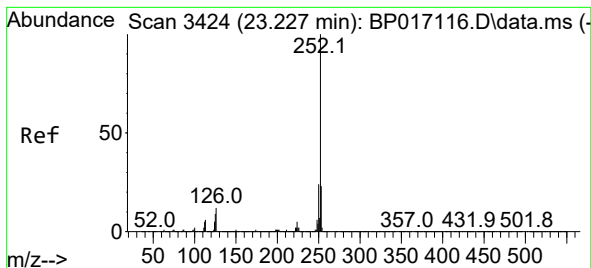
Delta R.T. 0.006 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Tgt Ion:149 Resp:15038283





#90

Benzo(b)fluoranthene

Concen: 174.409 ng/ul

RT: 23.257 min Scan# 3429

Delta R.T. 0.029 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

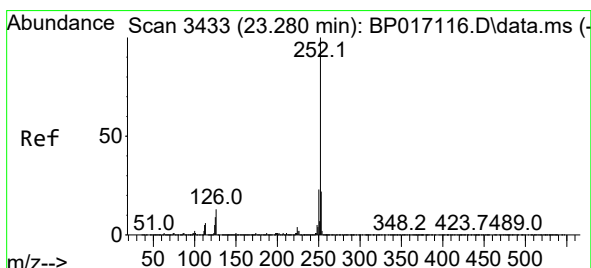
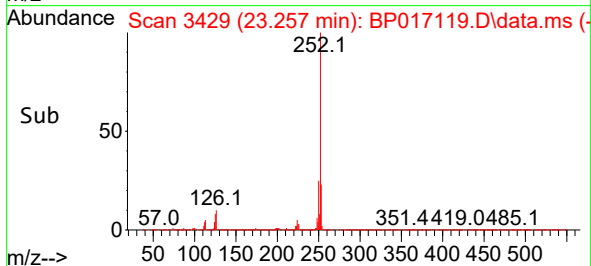
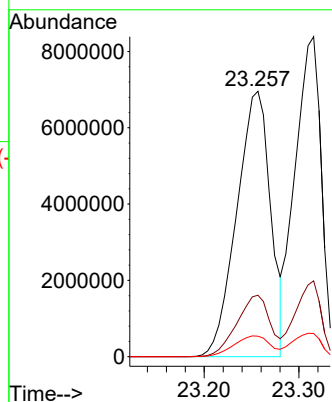
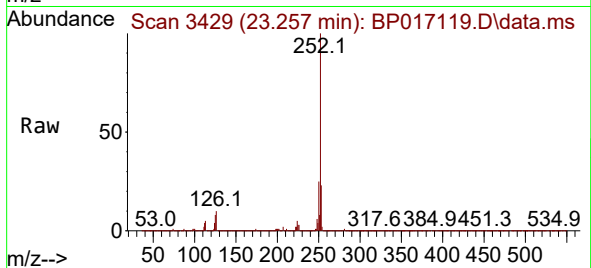
Tgt Ion:252 Resp:17253670

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

125 7.7 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 175.440 ng/ul

RT: 23.257 min Scan# 3429

Delta R.T. -0.023 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

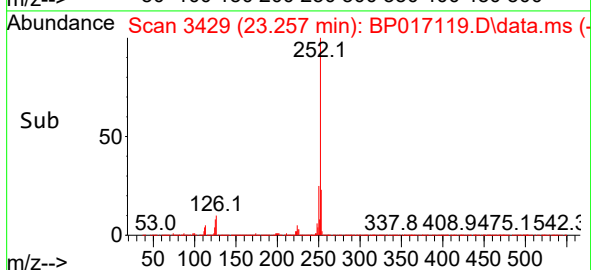
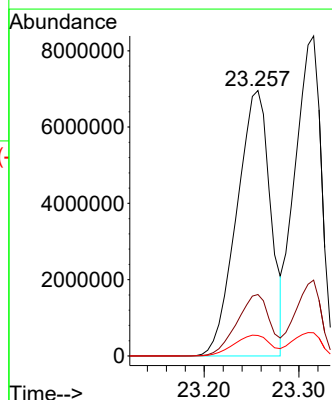
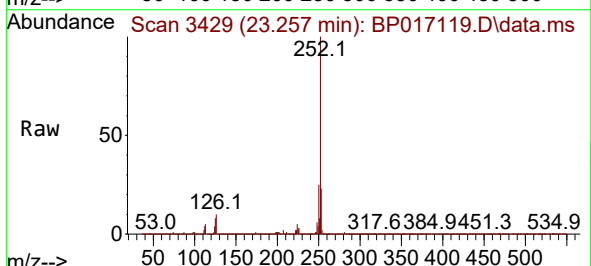
Tgt Ion:252 Resp:17253670

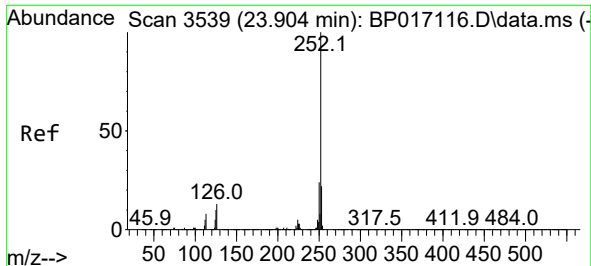
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 7.7 7.4 11.2

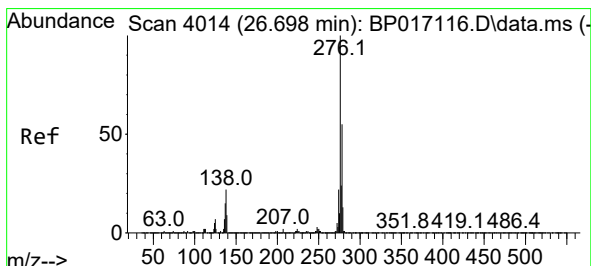
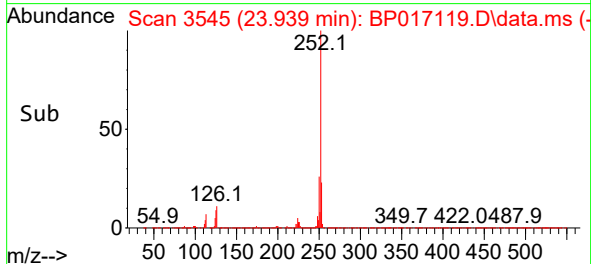
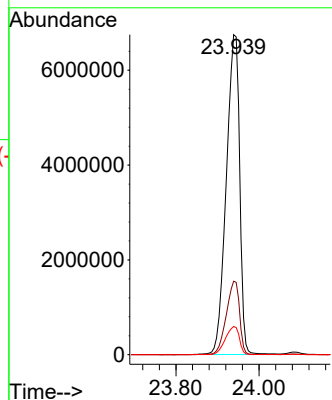
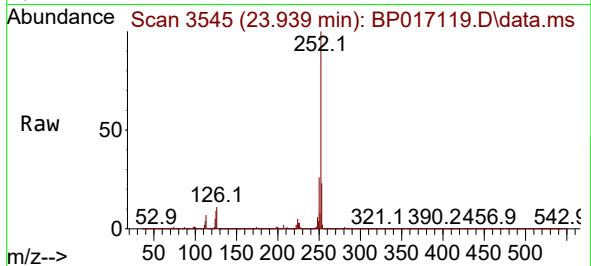




#93
Benzo(a)pyrene
Concen: 164.439 ng/ul
RT: 23.939 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

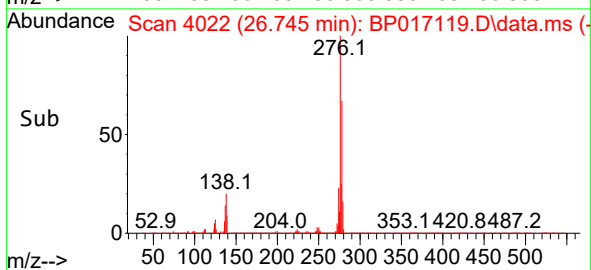
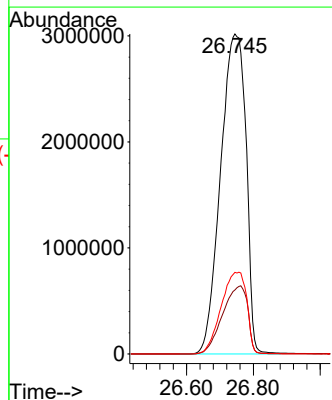
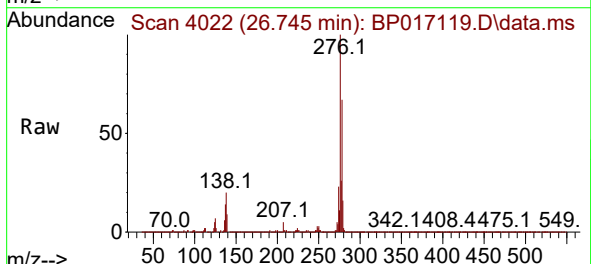
Instrument :
BNA_P
ClientSampleId :
SSTD160615

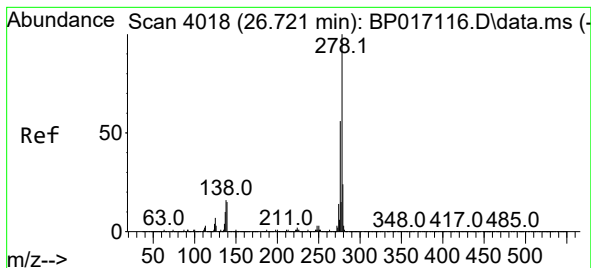
Tgt Ion:252 Resp:15092065
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 8.8 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 156.826 ng/ul
RT: 26.745 min Scan# 4022
Delta R.T. 0.047 min
Lab File: BP017119.D
Acq: 12 Sep 2023 15:23

Tgt Ion:276 Resp:15938448
Ion Ratio Lower Upper
276 100
138 20.0 17.5 26.3
277 25.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 155.609 ng/ul

RT: 26.774 min Scan# 4018

Delta R.T. 0.053 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Instrument :

BNA_P

ClientSampleId :

SSTD160615

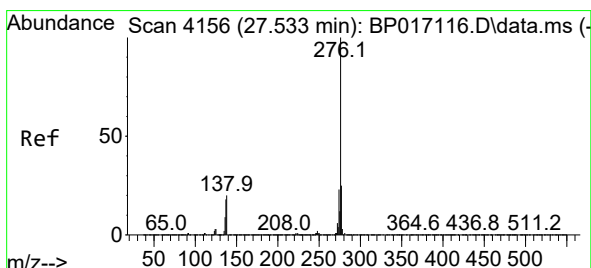
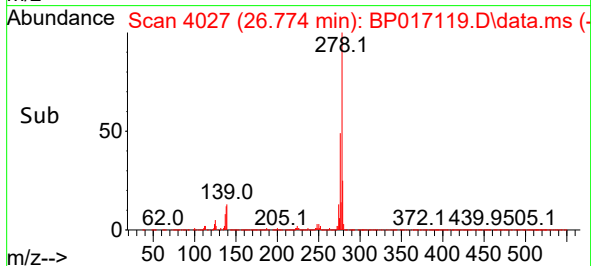
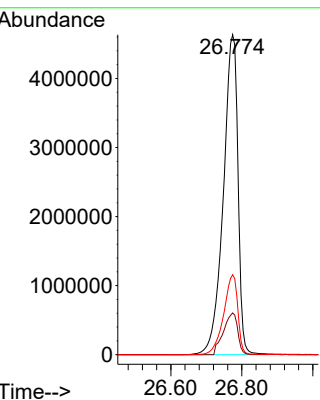
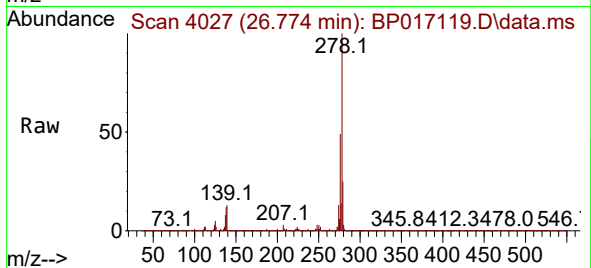
Tgt Ion:278 Resp:13284788

Ion Ratio Lower Upper

278 100

139 13.1 11.9 17.9

279 25.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 156.065 ng/ul

RT: 27.592 min Scan# 4166

Delta R.T. 0.059 min

Lab File: BP017119.D

Acq: 12 Sep 2023 15:23

Tgt Ion:276 Resp:12264710

Ion Ratio Lower Upper

276 100

138 19.3 16.2 24.4

277 24.1 19.6 29.4

