

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017477.D
 Acq On : 02 Oct 2023 15:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020764

Quant Time: Oct 02 23:13:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	108802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	467952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	282663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	635869	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	619497	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	684438	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	23359	8.818	ng/uL	0.00
4) Pyridine-d5	3.728	84	157524	21.272	ng/u1	0.00
7) Phenol-d5	7.105	99	191756	21.459	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	117997	21.881	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	156755	22.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	148436	21.366	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	72381	21.395	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	76973	20.955	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	148593	21.411	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	204388	20.331	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	414713	20.481	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	480035	20.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	53444	15.150	ng/u1	0.00
60) Fluorene-d10	15.645	176	360869	20.701	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	58824	16.413	ng/u1	0.00
73) Anthracene-d10	17.528	188	575195	20.396	ng/u1	0.00
81) Pyrene-d10	19.780	212	694548	20.732	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	668311	20.280	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	23631	8.711	ng/uL	98
5) Pyridine	3.752	79	164404	21.385	ng/u1	99
6) Benzaldehyde	7.105	77	104762	22.973	ng/u1	99
8) Phenol	7.128	94	192703	21.441	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.387	93	157285	21.650	ng/u1	99
12) 2-Chlorophenol	7.499	128	158505	22.023	ng/u1	99
13) 2-Methylphenol	8.399	108	142833	21.477	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	122035	13.281	ng/u1	99
16) Acetophenone	8.804	105	234459	21.840	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	117895	22.005	ng/u1	95
18) 4-Methylphenol	8.734	108	153015	21.473	ng/u1	100
19) Hexachloroethane	9.016	117	67572	22.616	ng/u1	97
22) Nitrobenzene	9.199	77	184854	21.534	ng/u1	94
23) Isophorone	9.710	82	317389	20.633	ng/u1	97
25) 2-Nitrophenol	9.904	139	83773	21.046	ng/u1	99
26) 2,4-Dimethylphenol	9.946	107	165845	20.911	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.204	93	196665	19.805	ng/u1	97
29) 2,4-Dichlorophenol	10.428	162	147700	21.586	ng/u1	99
30) Naphthalene	10.840	128	503189	20.651	ng/u1	99
32) 4-Chloroaniline	10.981	127	197333	20.483	ng/u1	100
33) Hexachlorobutadiene	11.063	225	104078	21.856	ng/u1	96
34) Caprolactam	11.804	113	41256	20.867	ng/u1	97
35) 4-Chloro-3-methylphenol	12.087	107	148138	21.539	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	329914	20.745	ng/u1	99

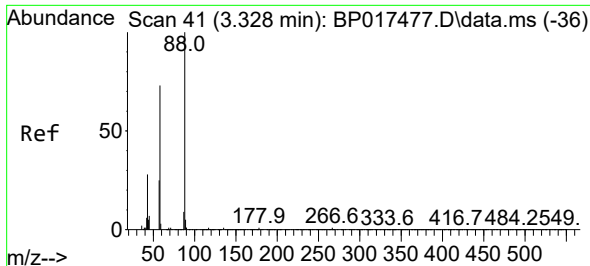
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	334464	20.574	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.804	216	187497	20.669	ng/ul	100
40) Hexachlorocyclopentadiene	12.745	237	104423	20.341	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	116505	21.173	ng/ul	98
42) 2,4,5-Trichlorophenol	13.134	196	121773	21.124	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	433339	20.206	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	349086	20.532	ng/ul	98
45) 2-Nitroaniline	13.757	65	90278	21.615	ng/ul	97
47) Dimethylphthalate	14.104	163	413637	20.279	ng/ul	98
48) 2,6-Dinitrotoluene	14.251	165	78628	22.193	ng/ul	98
50) Acenaphthylene	14.369	152	552021	20.270	ng/ul	99
51) 3-Nitroaniline	14.598	138	74750	19.606	ng/ul	94
52) Acenaphthene	14.704	153	363822	20.229	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	44632	20.139	ng/ul	96
55) 4-Nitrophenol	14.892	109	48126	17.462	ng/ul	93
56) Dibenzofuran	15.045	168	518575	21.055	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	118038	22.619	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.269	232	106096	21.690	ng/ul	96
59) Diethylphthalate	15.463	149	406868	20.633	ng/ul	99
61) Fluorene	15.698	166	415854	20.781	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	212804	20.983	ng/ul	98
63) 4-Nitroaniline	15.769	138	68839	20.230	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	65356	16.904	ng/ul	95
67) N-Nitrosodiphenylamine	15.922	169	340125	19.446	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	129052	20.202	ng/ul	99
69) Hexachlorobenzene	16.686	284	151848	20.485	ng/ul	95
70) Atrazine	16.881	200	122531	19.554	ng/ul	100
71) Pentachlorophenol	17.057	266	88078	19.235	ng/ul	99
72) Phenanthrene	17.475	178	669634	20.106	ng/ul	98
74) Anthracene	17.569	178	685978	20.323	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	188517	19.317	ng/uL	96
76) Pentachlorobenzene	14.939	250	181395	19.677	ng/uL	99
77) Carbazole	17.857	167	607104	20.222	ng/ul	99
78) Di-n-butylphthalate	18.363	149	671746	20.347	ng/ul	100
80) Fluoranthene	19.451	202	808260	20.687	ng/ul	98
82) Pyrene	19.810	202	851576	20.503	ng/ul	100
83) Butylbenzylphthalate	20.674	149	309145	20.992	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	219939	16.341	ng/ul	99
85) Benzo(a)anthracene	21.539	228	850176	20.334	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	441541	20.761	ng/ul	98
87) Chrysene	21.598	228	795560	20.218	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	771971	20.504	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	832196	20.623	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	815289	20.026	ng/ul	100
93) Benzo(a)pyrene	24.015	252	775080	20.075	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	904992	18.700	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	728863	18.082	ng/ul	97
96) Benzo(g,h,i)perylene	27.703	276	751478	19.256	ng/ul	98

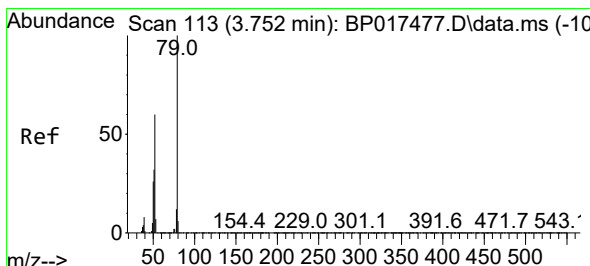
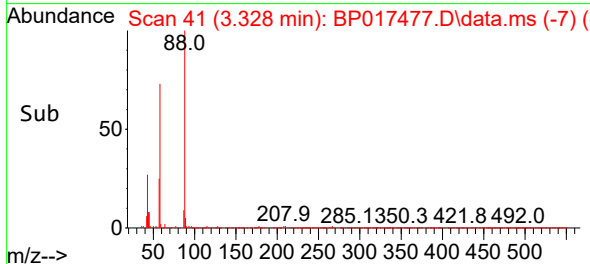
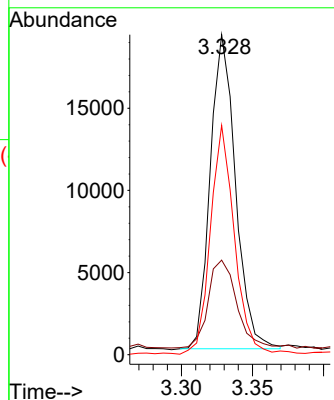
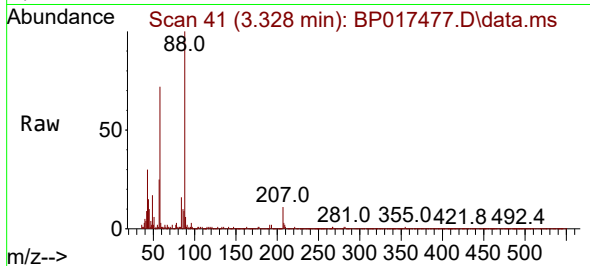
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#2
 1,4-Dioxane
 Concen: 8.711 ng/uL
 RT: 3.328 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP017477.D
 Acq: 02 Oct 2023 15:07

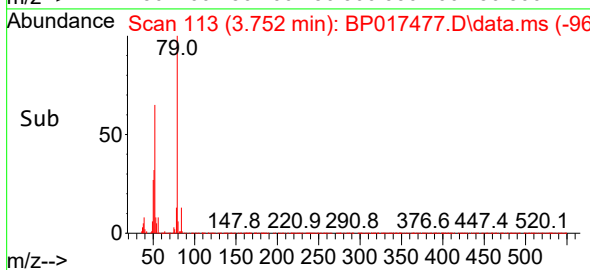
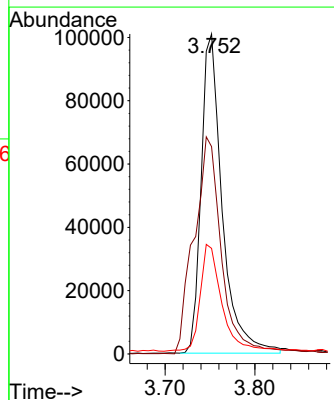
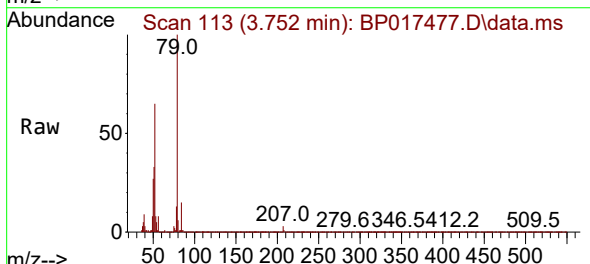
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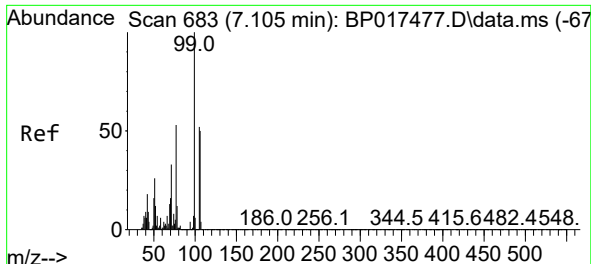
Tgt Ion:	88	Resp:	23631
Ion	Ratio	Lower	Upper
88	100		
43	29.5	25.0	37.4
58	71.7	56.6	84.8



#5
 Pyridine
 Concen: 21.385 ng/uL
 RT: 3.752 min Scan# 113
 Delta R.T. -0.000 min
 Lab File: BP017477.D
 Acq: 02 Oct 2023 15:07

Tgt Ion:	79	Resp:	164404
Ion	Ratio	Lower	Upper
79	100		
52	64.8	51.4	77.2
51	33.0	25.4	38.2

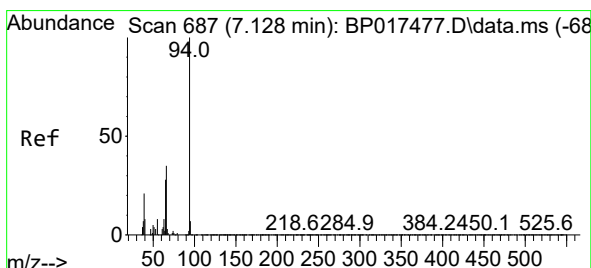
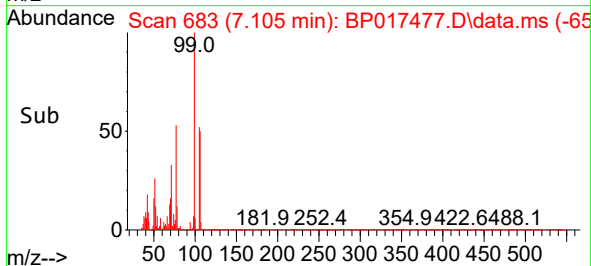
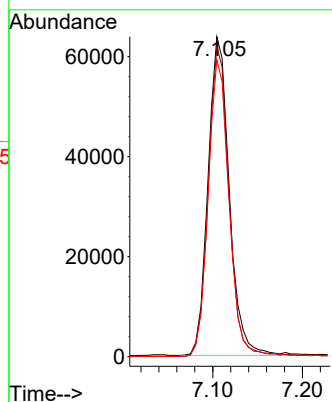
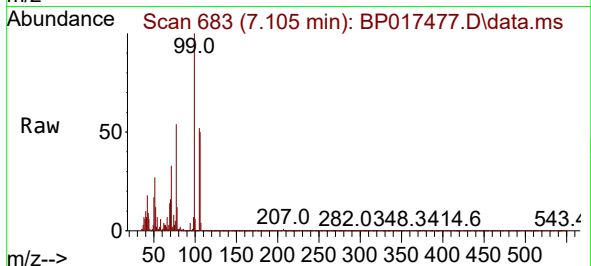




#6
Benzaldehyde
Concen: 22.973 ng/ul
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

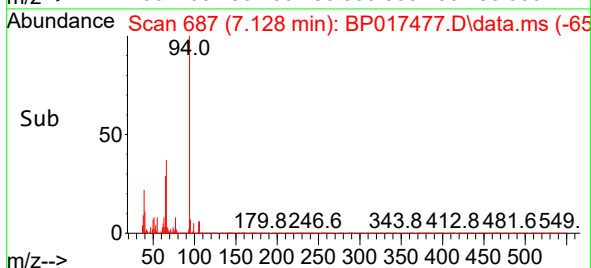
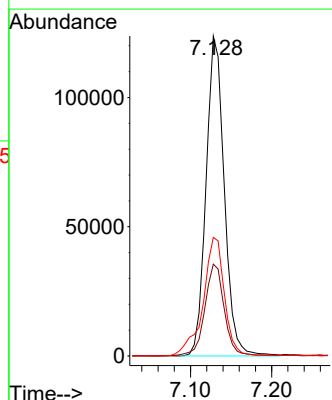
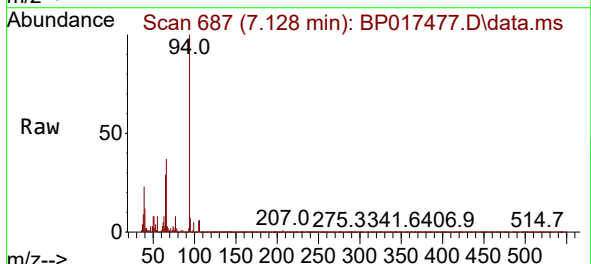
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BNA_P
ClientSampleId :
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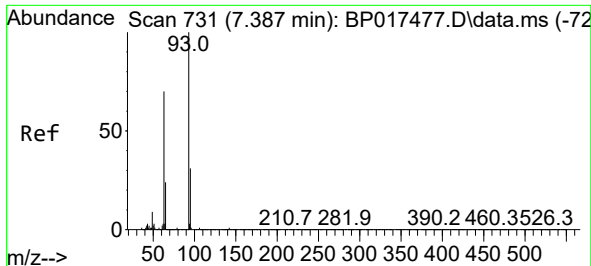
Tgt Ion: 77 Resp: 104762
Ion Ratio Lower Upper
77 100
105 96.9 78.0 117.0
106 92.8 73.2 109.8



#8
Phenol
Concen: 21.441 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion: 94 Resp: 192703
Ion Ratio Lower Upper
94 100
65 28.7 21.4 32.2
66 37.0 28.2 42.2

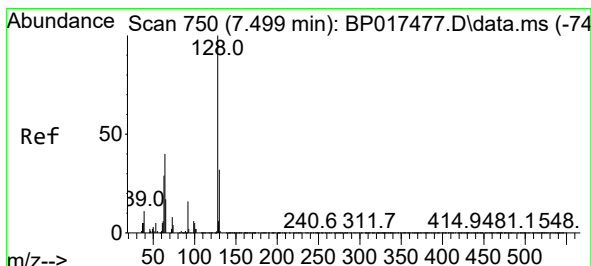
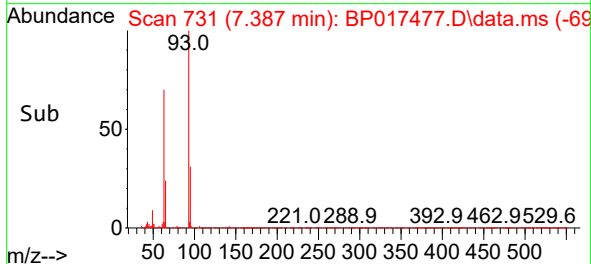
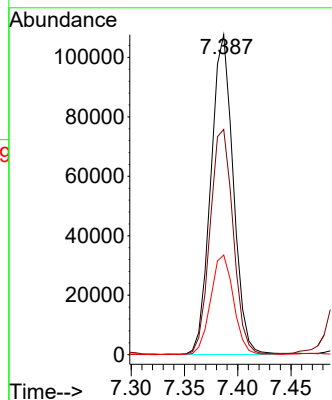
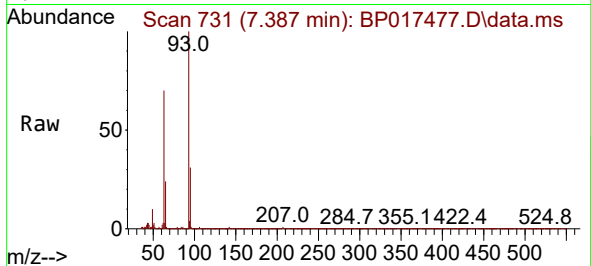




#10
Bis(2-Chloroethyl)ether
Concen: 21.650 ng/ul
RT: 7.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

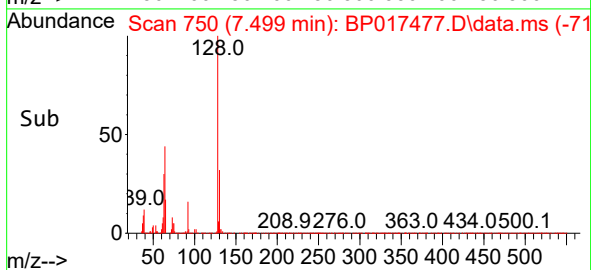
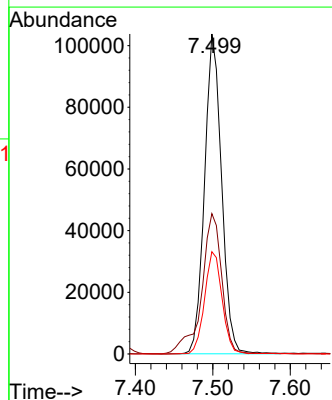
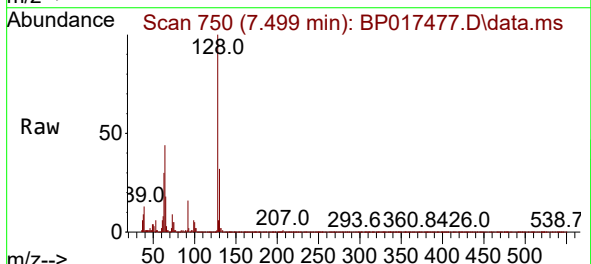
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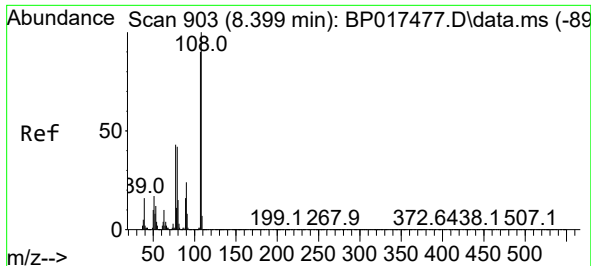
Tgt Ion: 93 Resp: 157285
Ion Ratio Lower Upper
93 100
63 70.4 55.4 83.0
95 31.1 25.1 37.7



#12
2-Chlorophenol
Concen: 22.023 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion: 128 Resp: 158505
Ion Ratio Lower Upper
128 100
64 43.9 35.8 53.8
130 31.9 25.6 38.4





#13

2-Methylphenol

Concen: 21.477 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

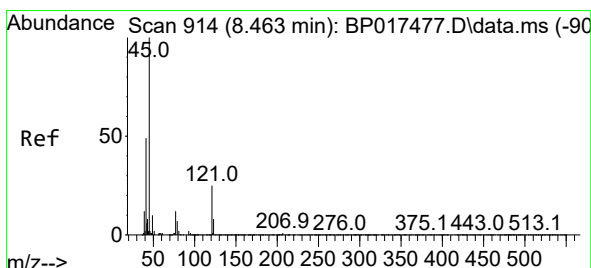
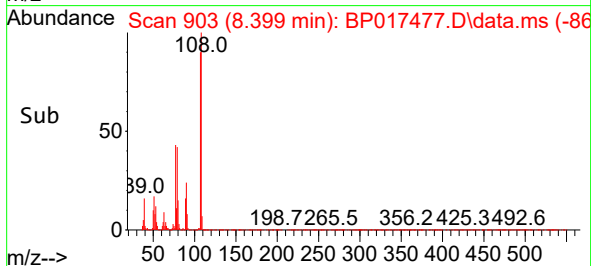
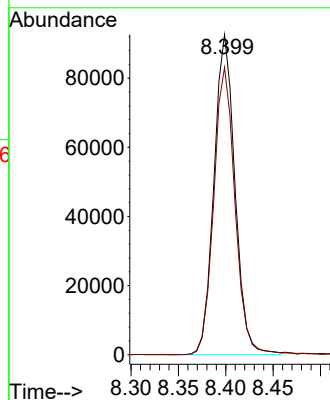
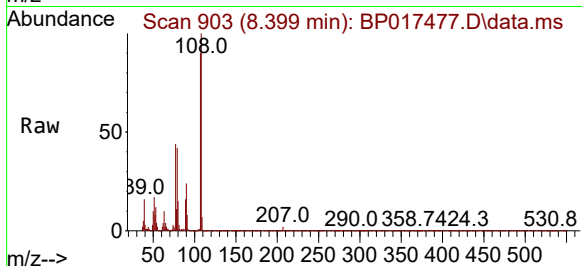
SSTD020764

Tgt Ion:108 Resp: 142833

Ion Ratio Lower Upper

108 100

107 89.7 73.5 110.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.281 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

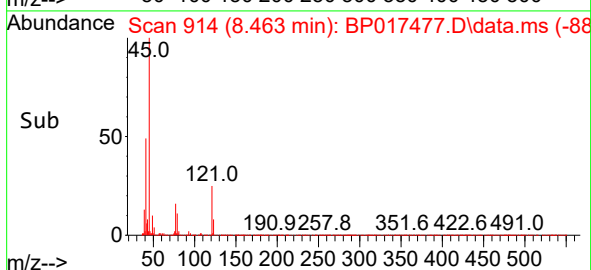
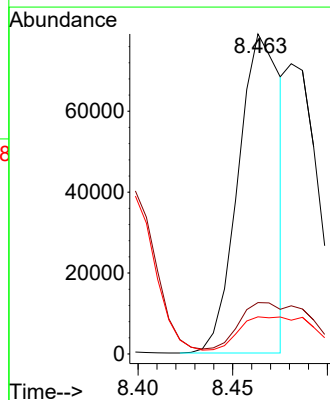
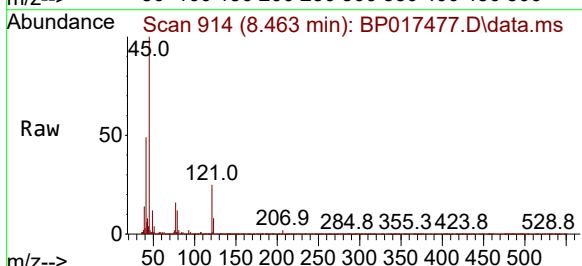
Tgt Ion: 45 Resp: 122035

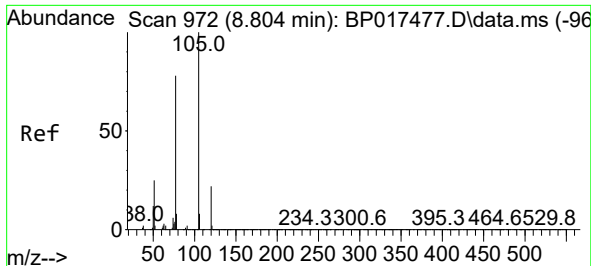
Ion Ratio Lower Upper

45 100

77 16.0 13.3 19.9

79 11.6 9.4 14.2

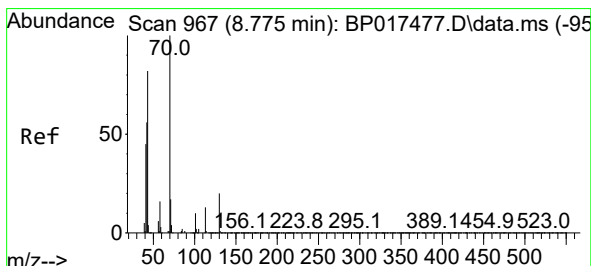
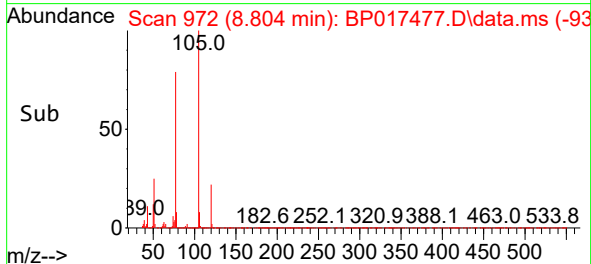
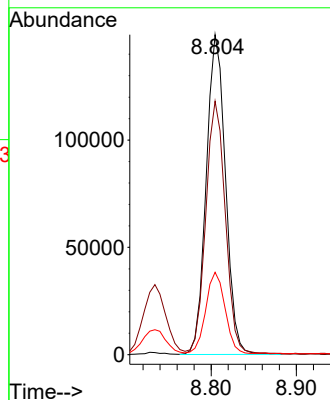
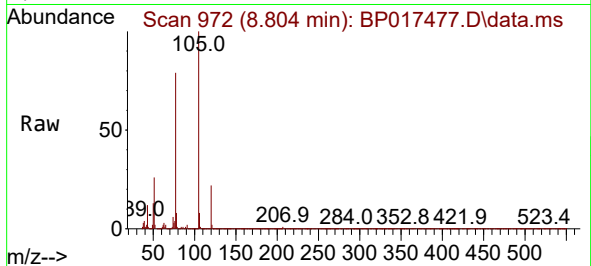




#16
Acetophenone
Concen: 21.840 ng/ul
RT: 8.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

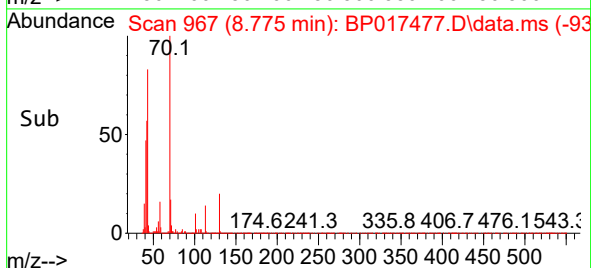
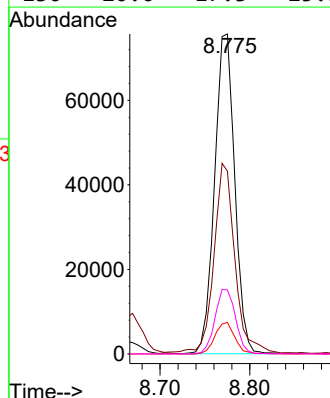
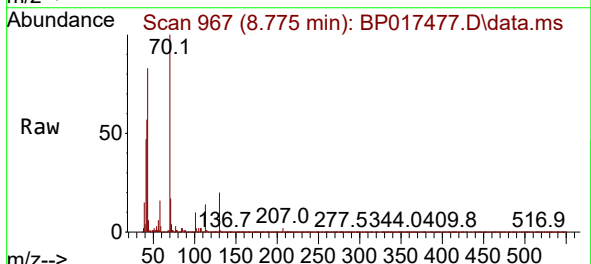
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BNA_P
ClientSampleId :
SSTD020764

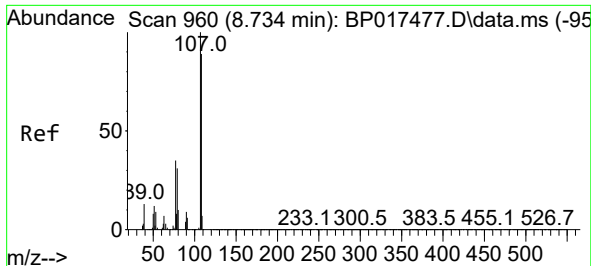
Tgt Ion:105 Resp: 234459
Ion Ratio Lower Upper
105 100
77 79.2 63.6 95.4
51 25.7 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 22.005 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion: 70 Resp: 117895
Ion Ratio Lower Upper
70 100
42 57.1 42.3 63.5
101 9.8 7.5 11.3
130 20.0 17.3 25.9

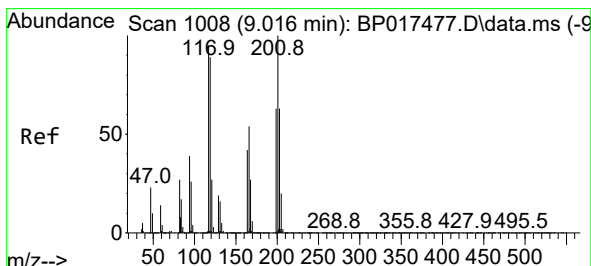
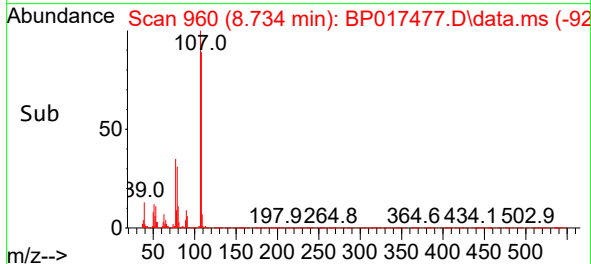
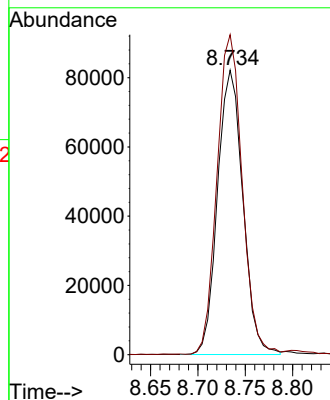
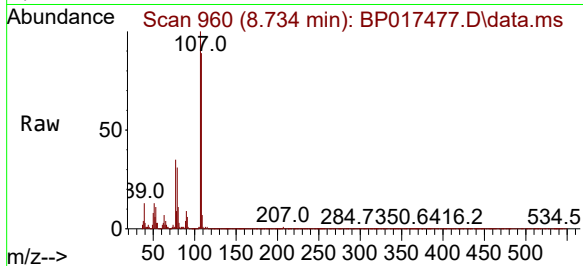




#18
4-Methylphenol
Concen: 21.473 ng/ul
RT: 8.734 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

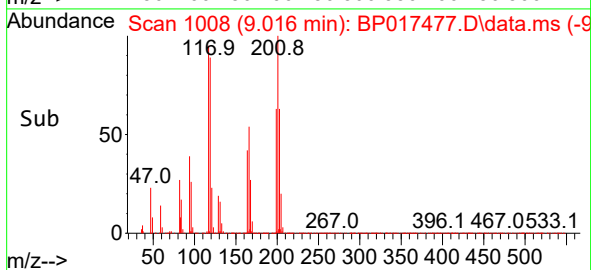
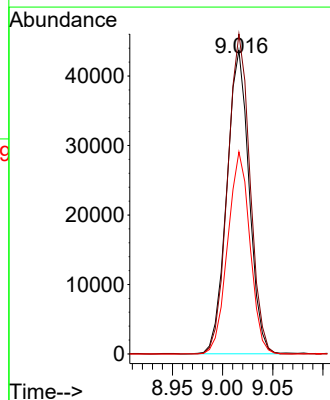
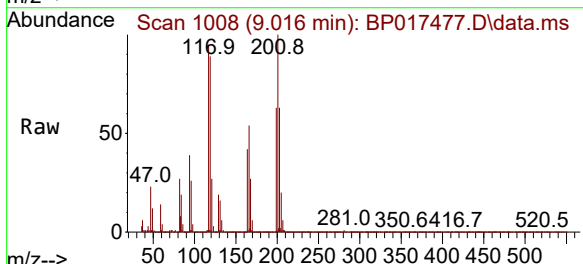
Instrument :
BNA_P
ClientSampleId :
SSTD020764

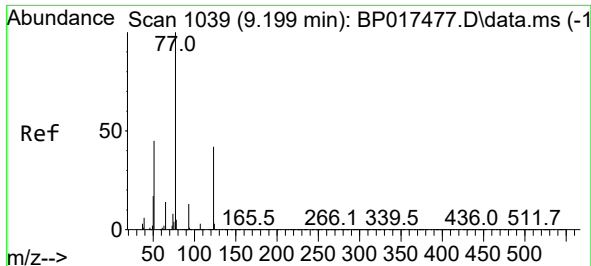
Tgt Ion:108 Resp: 153015
Ion Ratio Lower Upper
108 100
107 112.5 90.0 135.0



#19
Hexachloroethane
Concen: 22.616 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:117 Resp: 67572
Ion Ratio Lower Upper
117 100
201 105.3 81.4 122.0
199 66.5 52.4 78.6

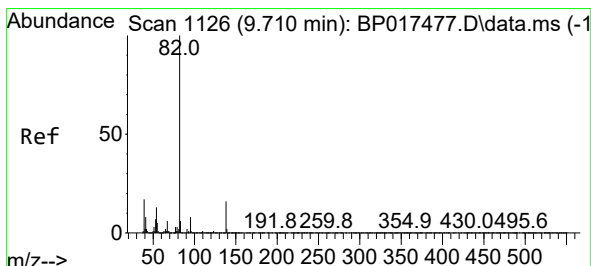
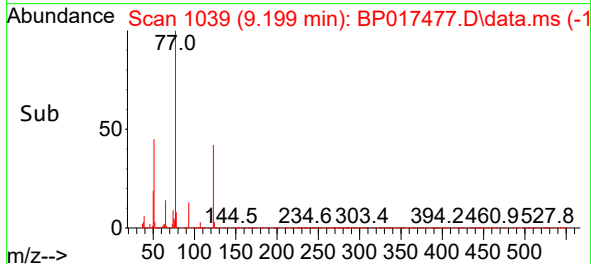
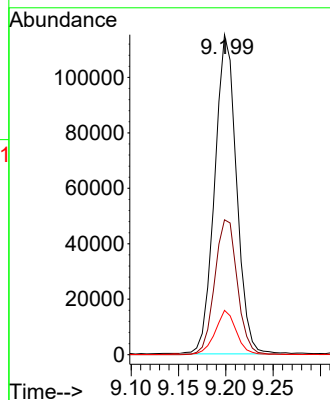
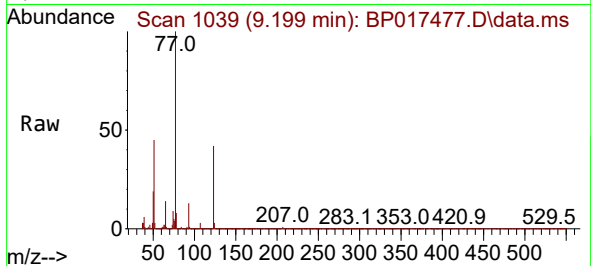




#22
Nitrobenzene
Concen: 21.534 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

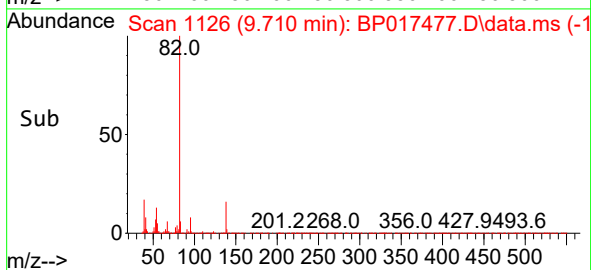
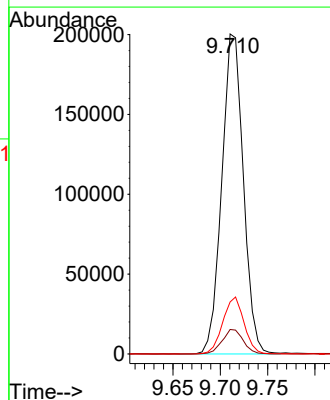
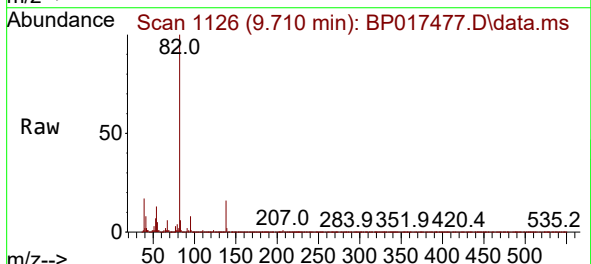
Instrument :
BNA_P
ClientSampleId :
SSTD020764

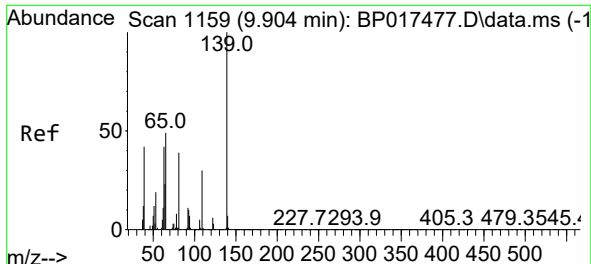
Tgt Ion: 77 Resp: 184854
Ion Ratio Lower Upper
77 100
123 42.2 37.4 56.0
65 13.9 9.8 14.6



#23
Isophorone
Concen: 20.633 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion: 82 Resp: 317389
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 16.3 14.2 21.4

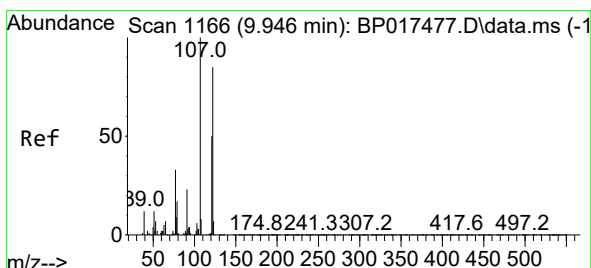
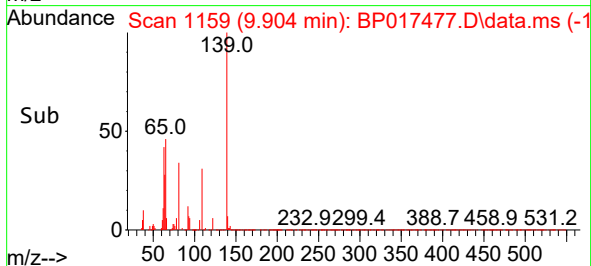
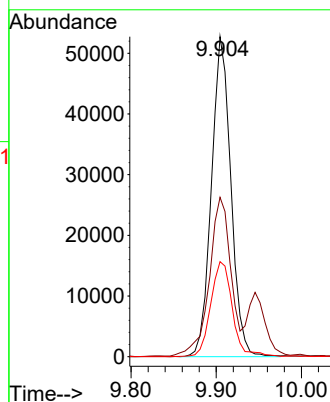
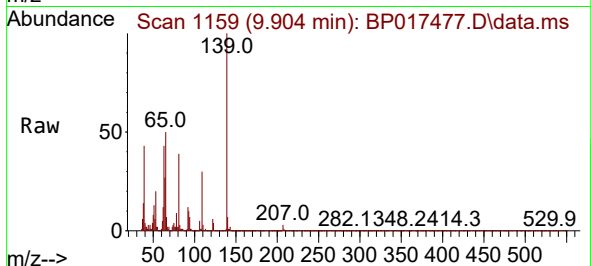




#25
2-Nitrophenol
Concen: 21.046 ng/ul
RT: 9.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

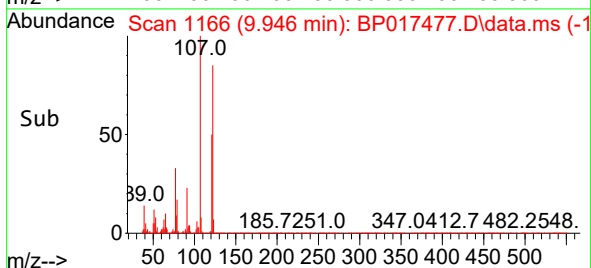
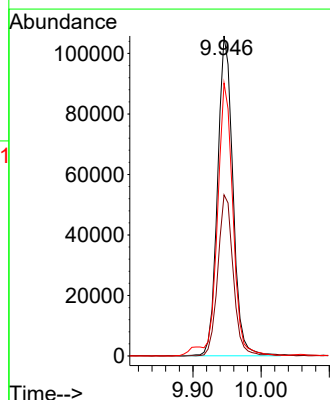
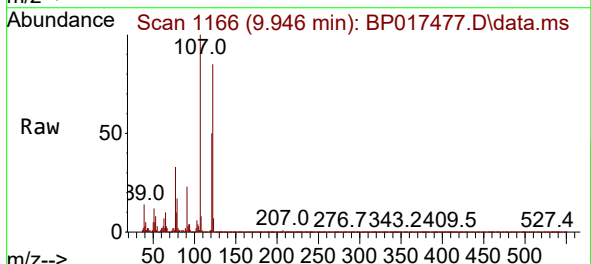
Instrument :
BNA_P
ClientSampleId :
SSTD020764

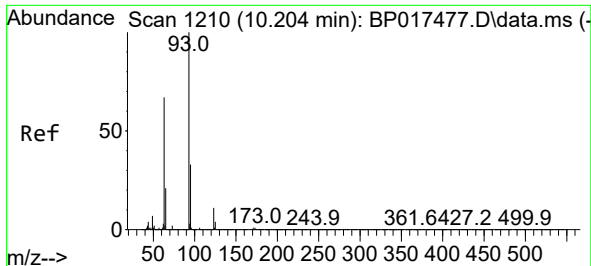
Tgt Ion:139 Resp: 83773
Ion Ratio Lower Upper
139 100
65 49.8 40.6 60.8
109 29.7 24.2 36.4



#26
2,4-Dimethylphenol
Concen: 20.911 ng/ul
RT: 9.946 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:107 Resp: 165845
Ion Ratio Lower Upper
107 100
121 50.3 41.1 61.7
122 85.3 69.4 104.0





#27

Bis(2-Chloroethoxy)methane

Concen: 19.805 ng/ul

RT: 10.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

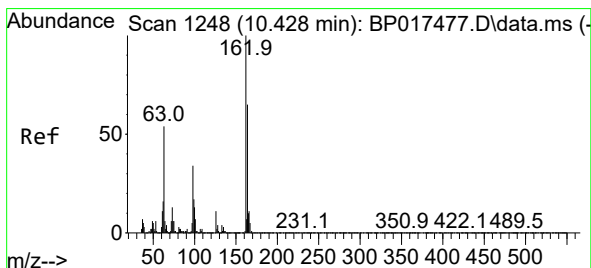
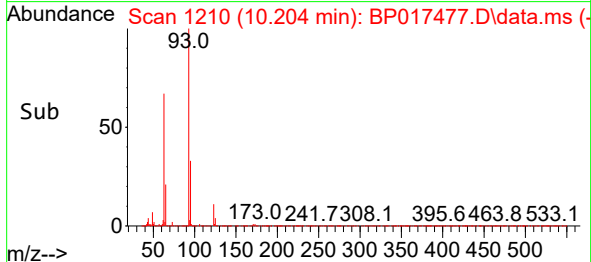
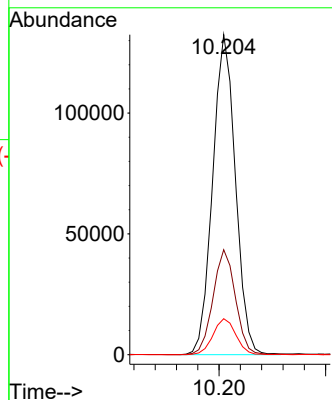
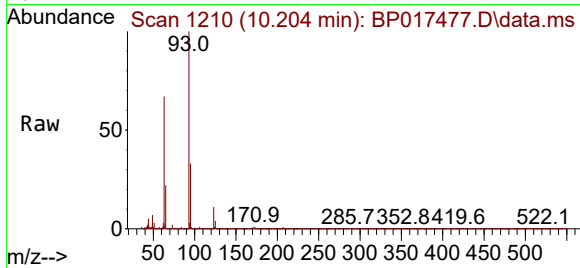
Tgt Ion: 93 Resp: 196665

Ion Ratio Lower Upper

93 100

95 32.8 24.9 37.3

123 11.3 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 21.586 ng/ul

RT: 10.428 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

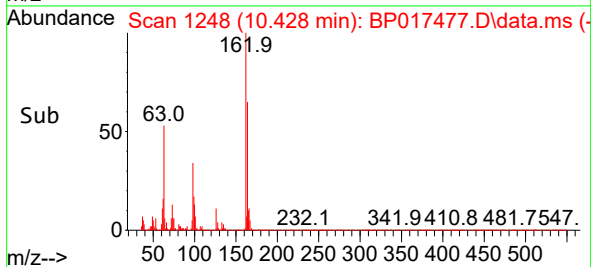
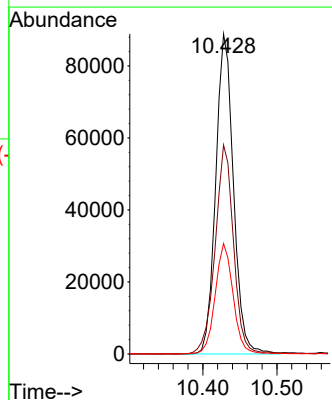
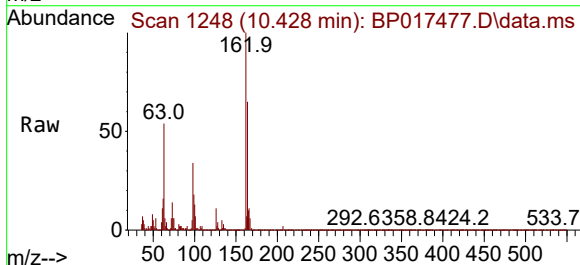
Tgt Ion:162 Resp: 147700

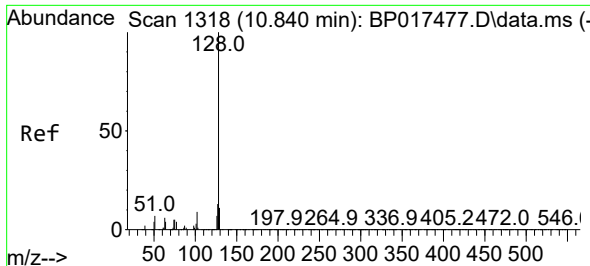
Ion Ratio Lower Upper

162 100

164 65.3 52.6 78.8

98 34.5 27.0 40.4

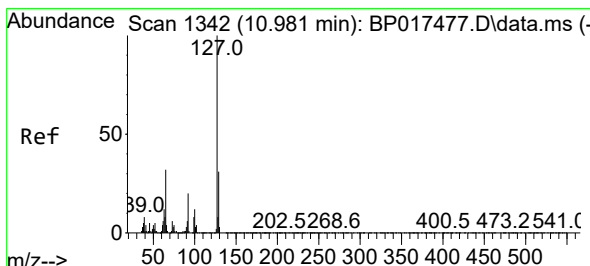
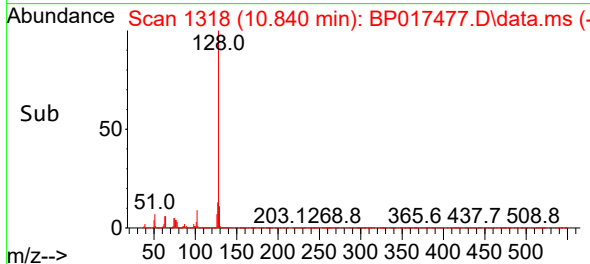
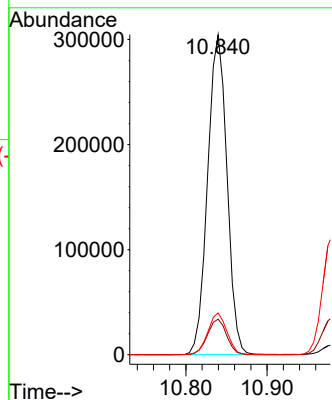
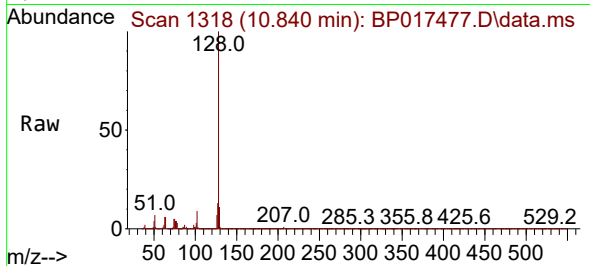




#30
Naphthalene
Concen: 20.651 ng/ul
RT: 10.840 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

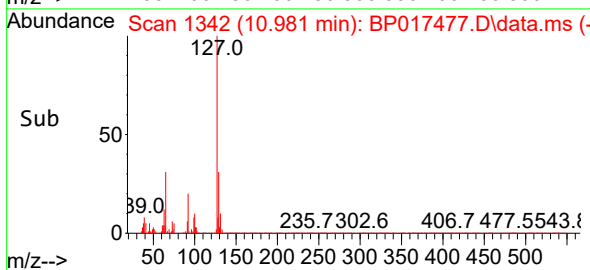
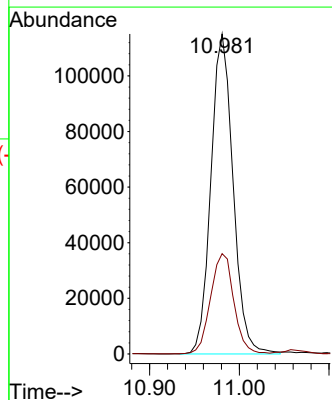
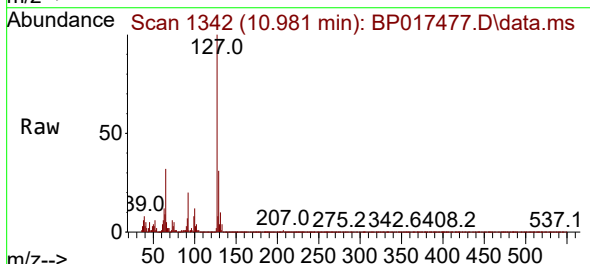
Instrument :
BNA_P
ClientSampleId :
SSTD020764

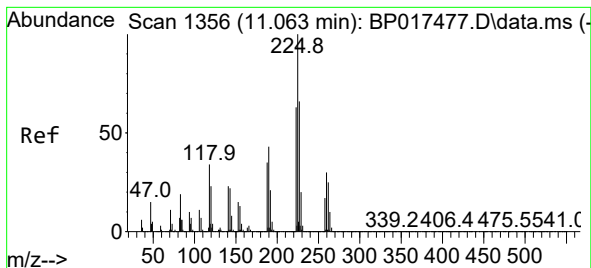
Tgt Ion:128 Resp: 503189
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 20.483 ng/ul
RT: 10.981 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:127 Resp: 197333
Ion Ratio Lower Upper
127 100
129 31.4 25.1 37.7





#33

Hexachlorobutadiene

Concen: 21.856 ng/ul

RT: 11.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

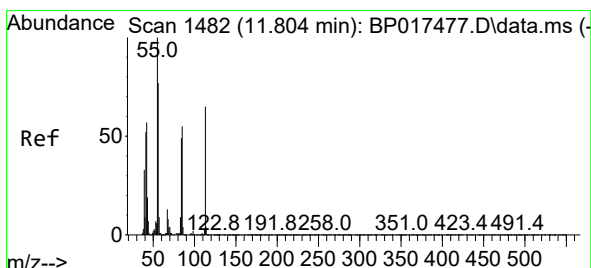
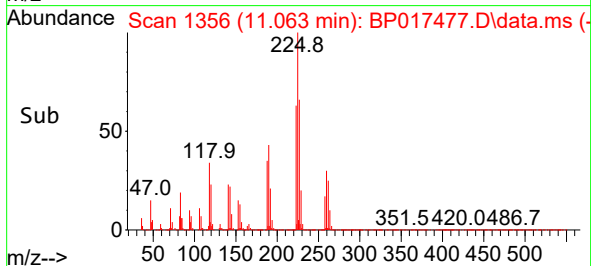
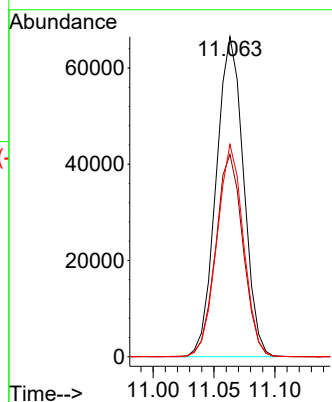
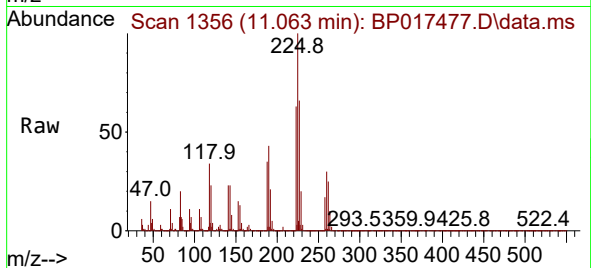
Tgt Ion:225 Resp: 104078

Ion Ratio Lower Upper

225 100

223 63.2 48.2 72.2

227 66.4 50.2 75.4



#34

Caprolactam

Concen: 20.867 ng/ul

RT: 11.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

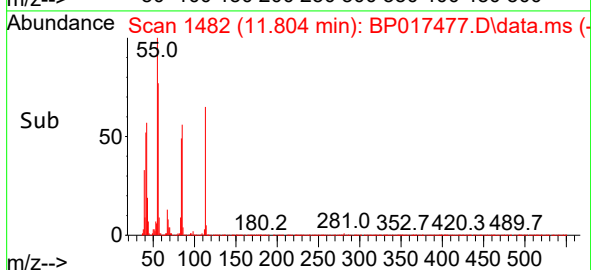
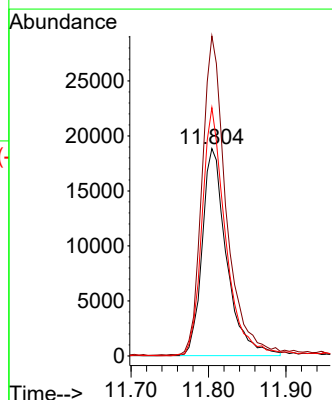
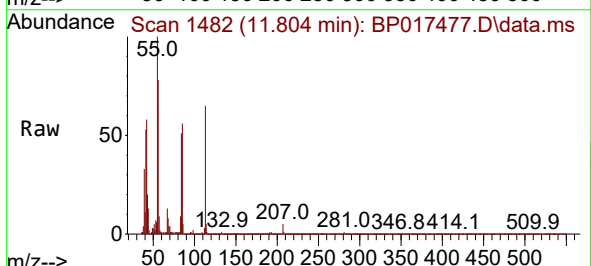
Tgt Ion:113 Resp: 41256

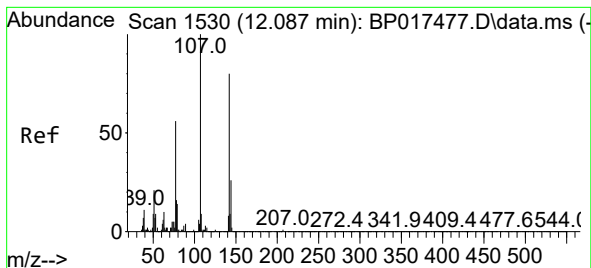
Ion Ratio Lower Upper

113 100

55 154.3 127.4 191.0

56 119.7 94.5 141.7

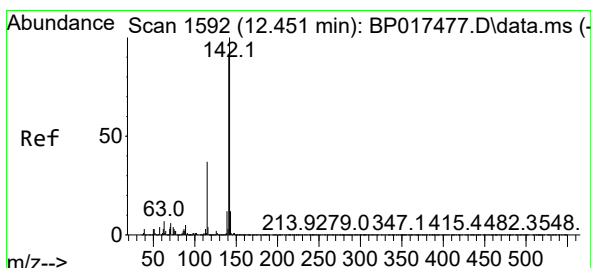
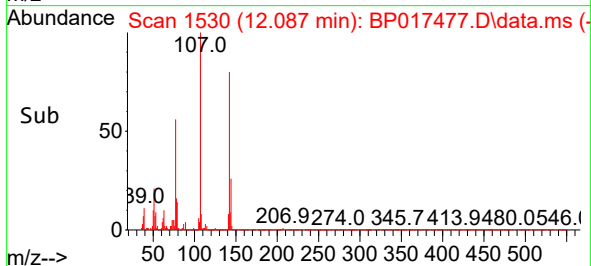
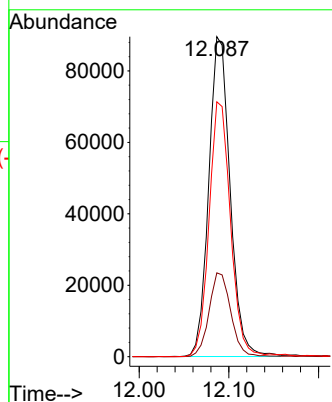
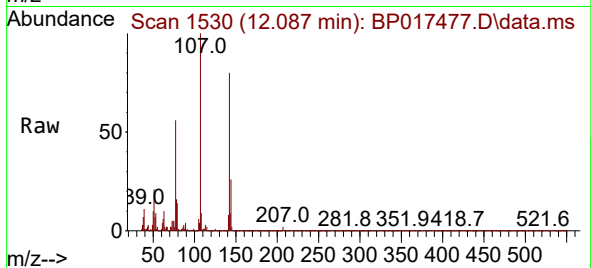




#35
4-Chloro-3-methylphenol
Concen: 21.539 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

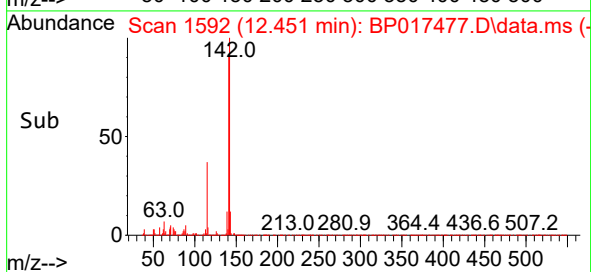
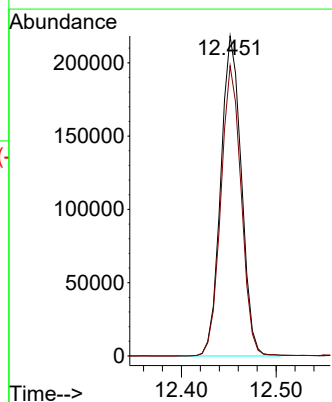
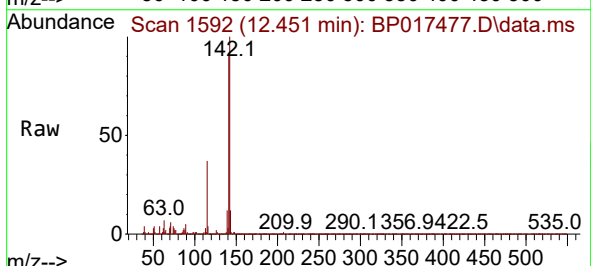
Instrument :
BNA_P
ClientSampleId :
SSTD020764

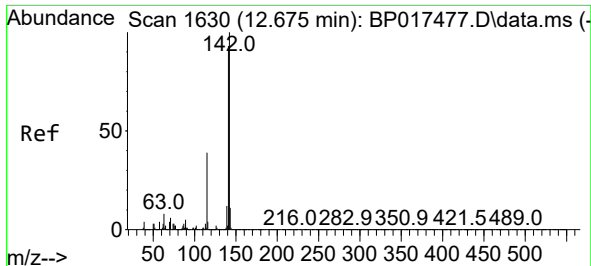
Tgt Ion:107 Resp: 148138
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 79.7 62.9 94.3



#36
2-Methylnaphthalene
Concen: 20.745 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:142 Resp: 329914
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9

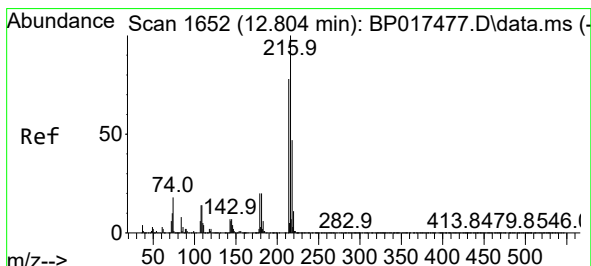
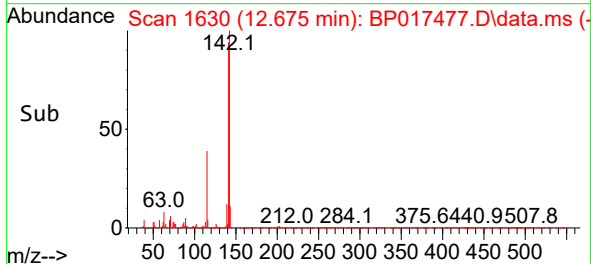
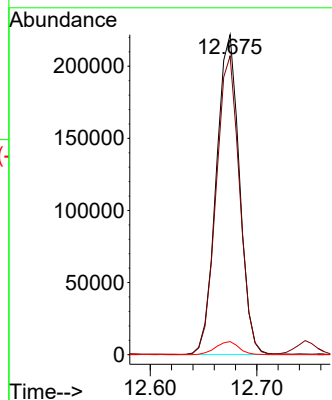
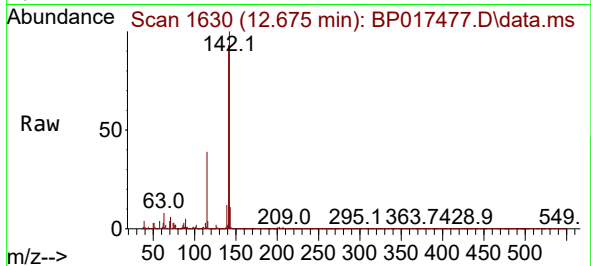




#37
1-Methylnaphthalene
Concen: 20.574 ng/ul
RT: 12.675 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

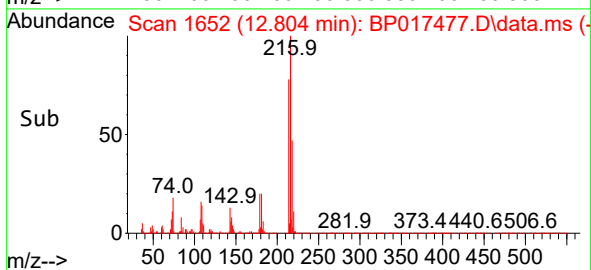
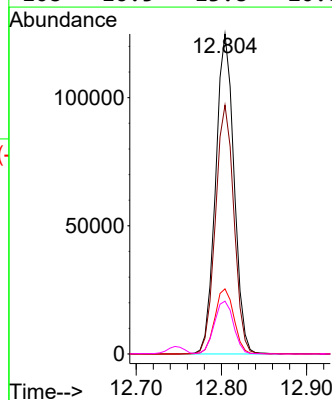
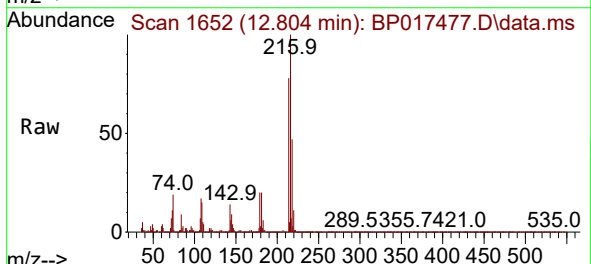
Instrument :
BNA_P
ClientSampleId :
SSTD020764

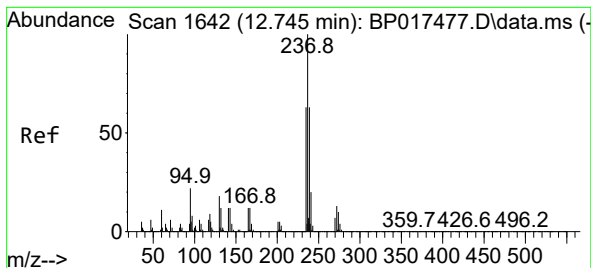
Tgt Ion:142 Resp: 334464
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.2
116 4.1 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.669 ng/ul
RT: 12.804 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:216 Resp: 187497
Ion Ratio Lower Upper
216 100
214 77.8 62.3 93.5
179 20.4 16.4 24.6
108 16.5 13.8 20.8

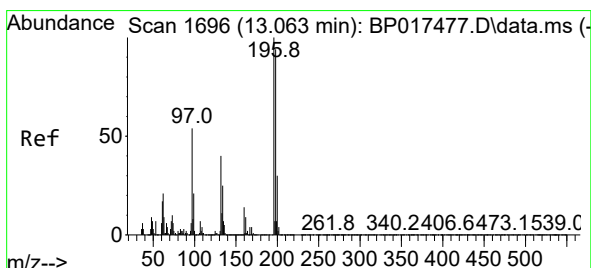
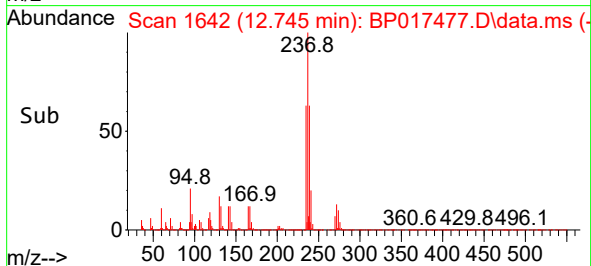
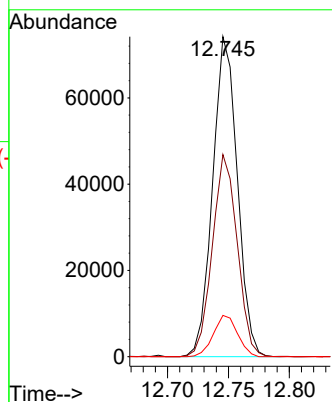
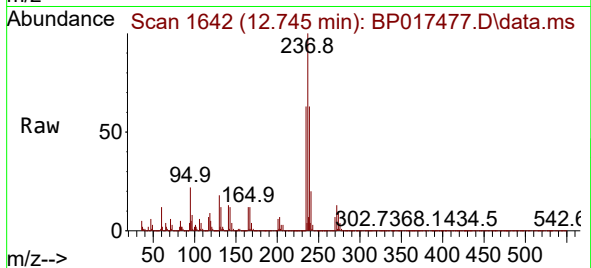




#40
Hexachlorocyclopentadiene
Concen: 20.341 ng/ul
RT: 12.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

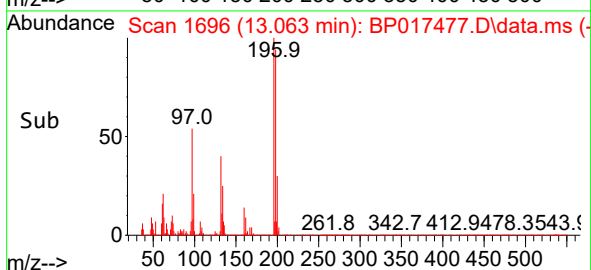
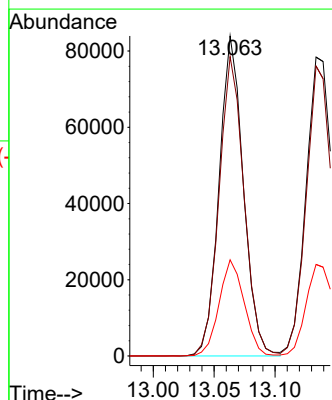
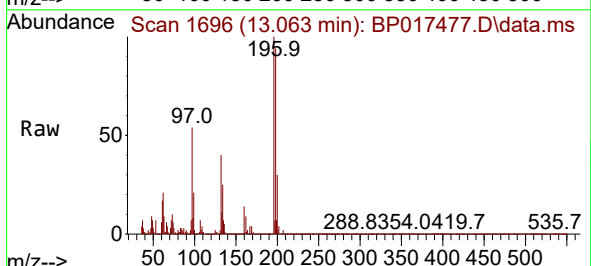
Instrument :
BNA_P
ClientSampleId :
SSTD020764

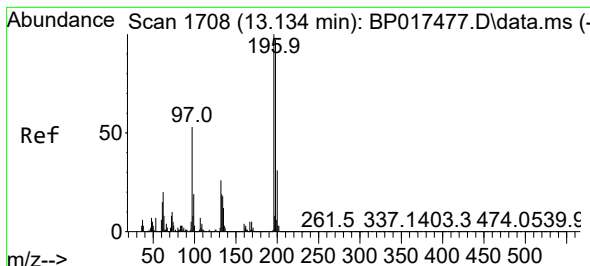
Tgt Ion:237 Resp: 104423
Ion Ratio Lower Upper
237 100
235 63.2 52.8 79.2
272 12.9 9.8 14.6



#41
2,4,6-Trichlorophenol
Concen: 21.173 ng/ul
RT: 13.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:196 Resp: 116505
Ion Ratio Lower Upper
196 100
198 93.6 76.2 114.2
200 30.0 25.1 37.7





#42

2,4,5-Trichlorophenol

Concen: 21.124 ng/ul

RT: 13.134 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

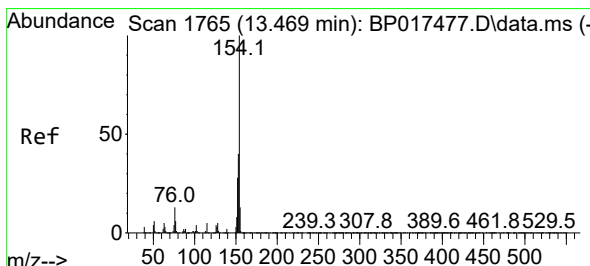
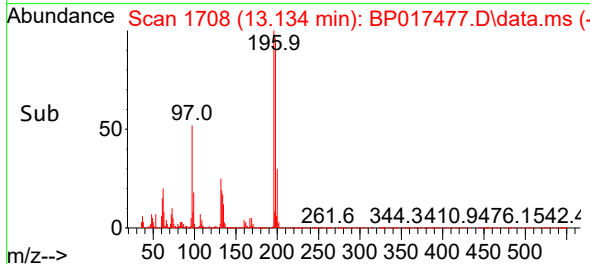
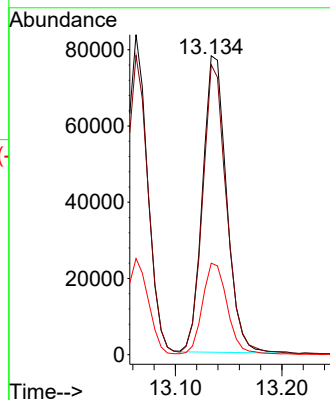
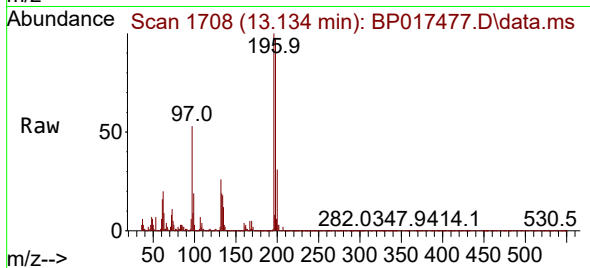
Tgt Ion:196 Resp: 121773

Ion Ratio Lower Upper

196 100

198 97.0 77.4 116.0

200 30.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 20.206 ng/ul

RT: 13.469 min Scan# 1765

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

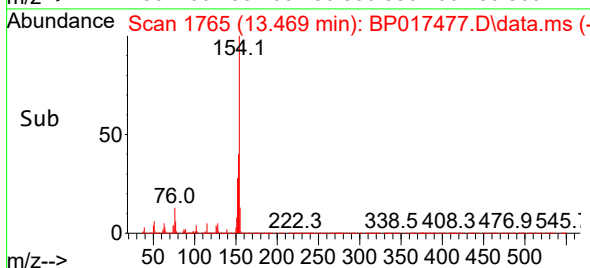
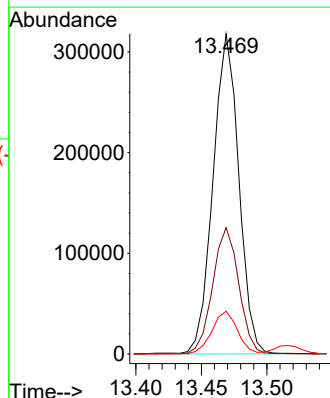
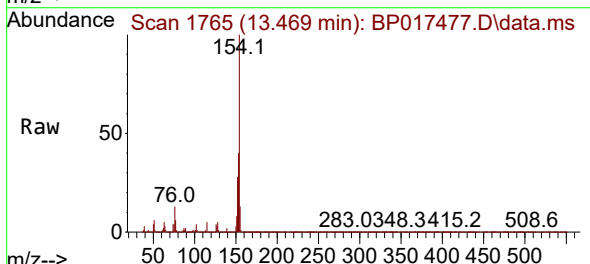
Tgt Ion:154 Resp: 433339

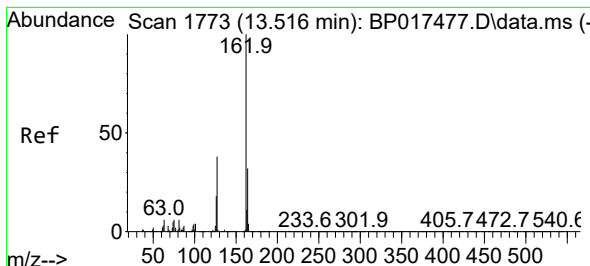
Ion Ratio Lower Upper

154 100

153 39.5 31.5 47.3

76 13.3 11.0 16.6

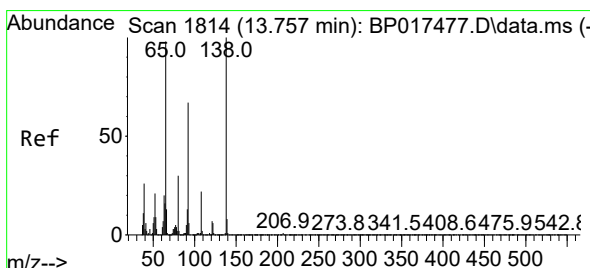
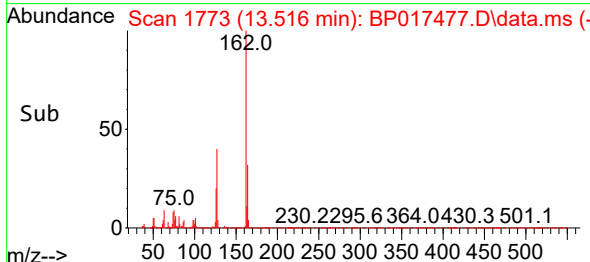
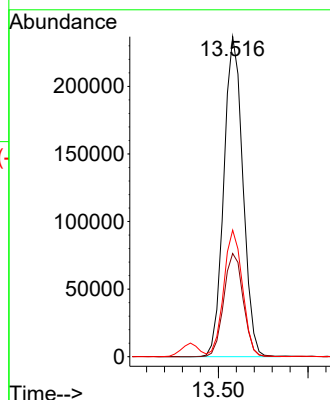
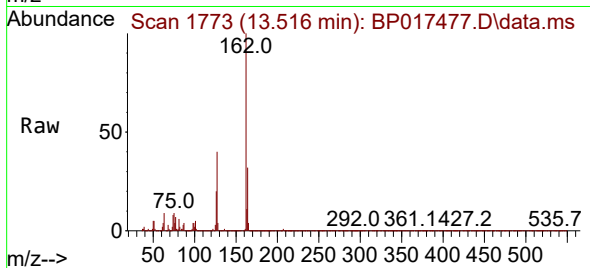




#44
2-Chloronaphthalene
Concen: 20.532 ng/ul
RT: 13.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

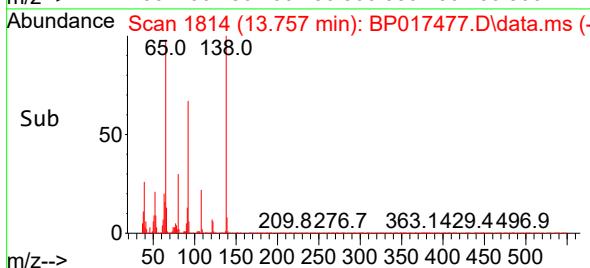
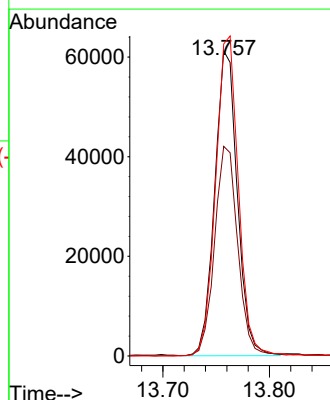
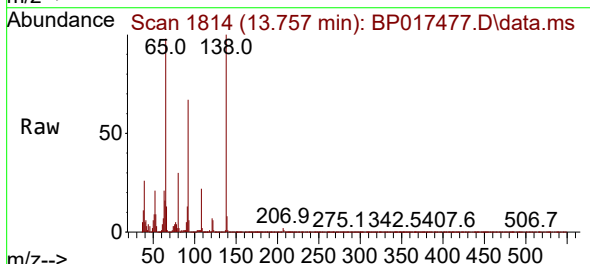
Instrument :
BNA_P
ClientSampleId :
SSTD020764

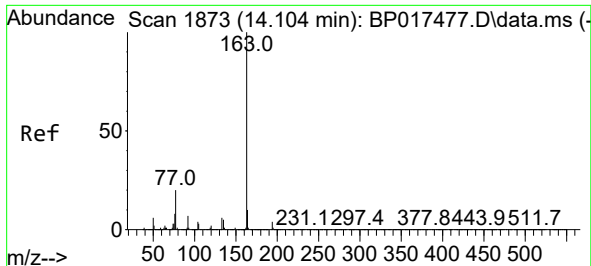
Tgt Ion:162 Resp: 349086
Ion Ratio Lower Upper
162 100
164 32.3 26.8 40.2
127 39.6 30.7 46.1



#45
2-Nitroaniline
Concen: 21.615 ng/ul
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion: 65 Resp: 90278
Ion Ratio Lower Upper
65 100
92 68.7 57.7 86.5
138 102.3 83.5 125.3

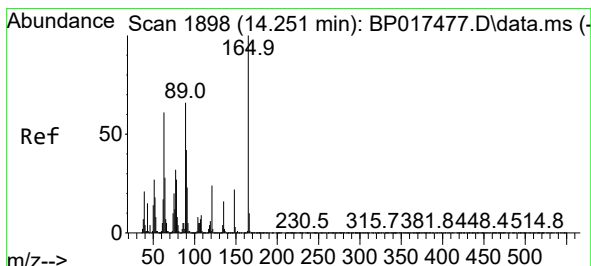
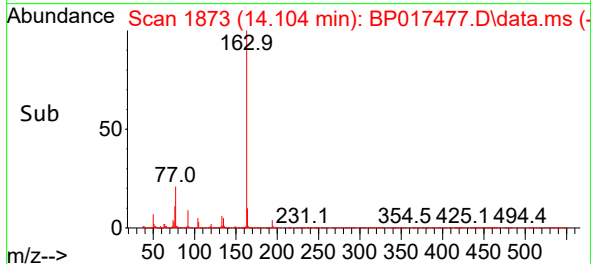
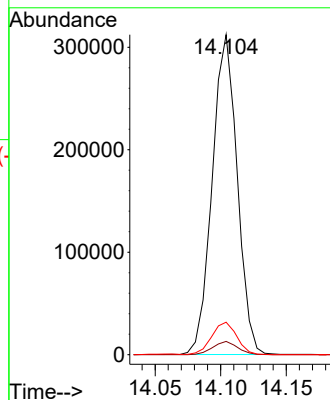
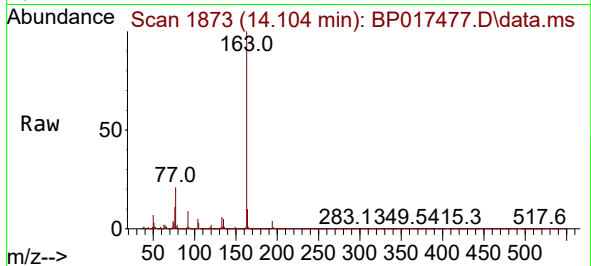




#47
Dimethylphthalate
Concen: 20.279 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

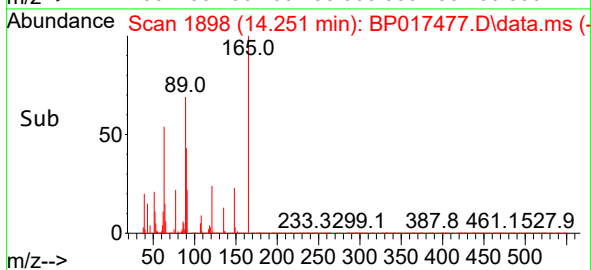
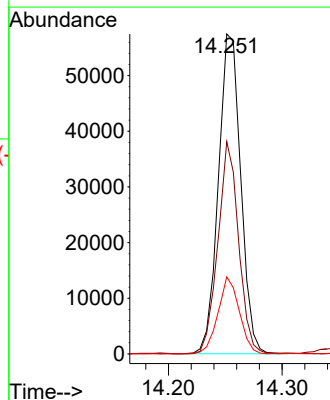
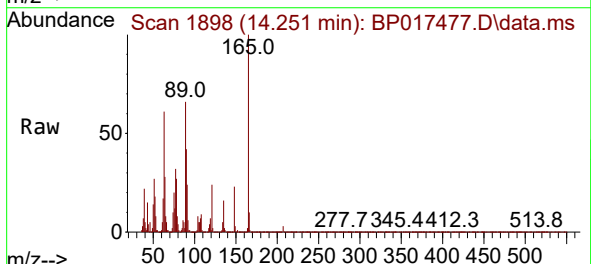
Instrument :
BNA_P
ClientSampleId :
SSTD020764

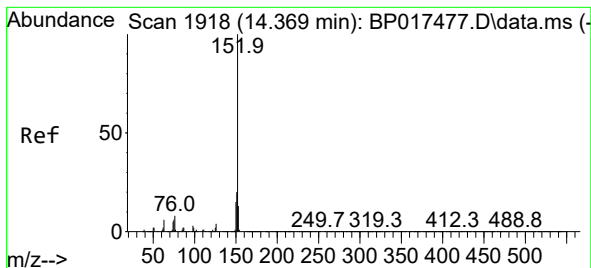
Tgt Ion:163 Resp: 413637
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 7.5 11.3



#48
2,6-Dinitrotoluene
Concen: 22.193 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:165 Resp: 78628
Ion Ratio Lower Upper
165 100
89 66.4 51.7 77.5
121 24.1 19.7 29.5





#50

Acenaphthylene

Concen: 20.270 ng/ul

RT: 14.369 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

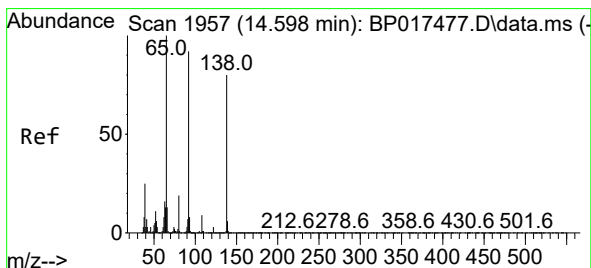
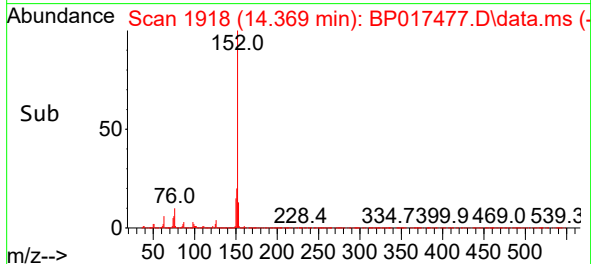
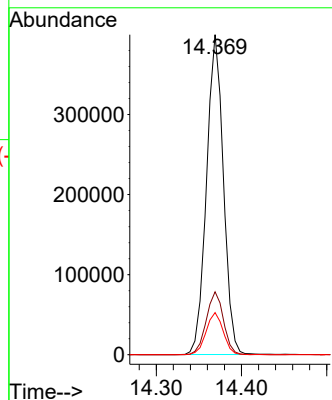
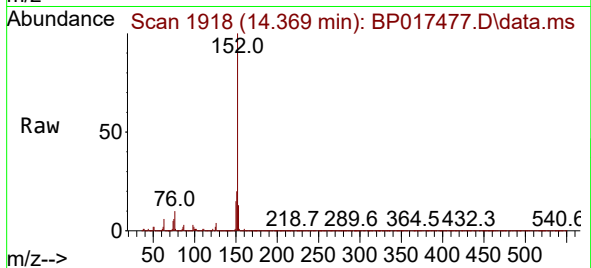
Tgt Ion:152 Resp: 552021

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 13.1 10.4 15.6



#51

3-Nitroaniline

Concen: 19.606 ng/ul

RT: 14.598 min Scan# 1957

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

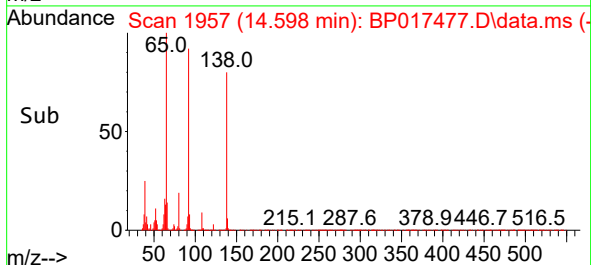
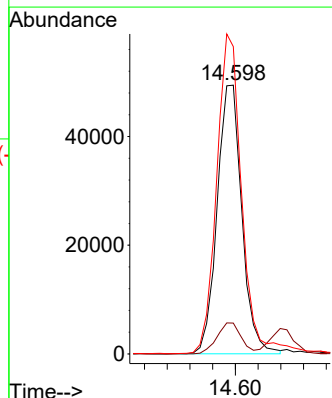
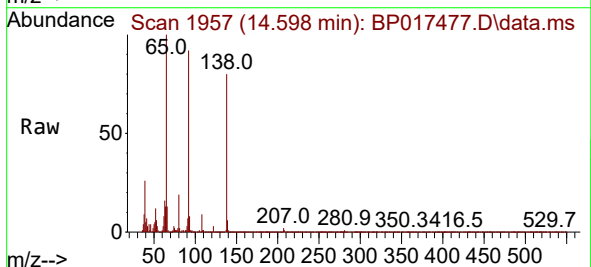
Tgt Ion:138 Resp: 74750

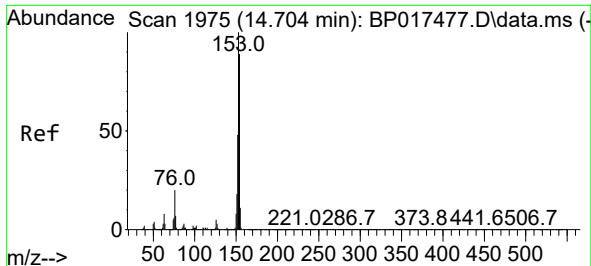
Ion Ratio Lower Upper

138 100

108 11.5 8.2 12.4

92 114.4 97.4 146.0

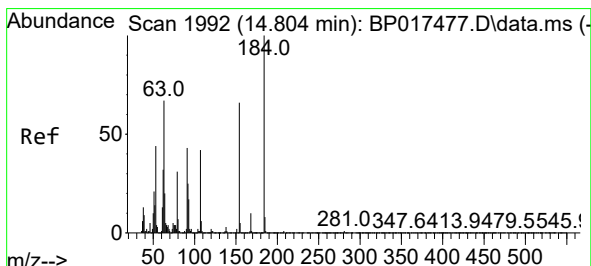
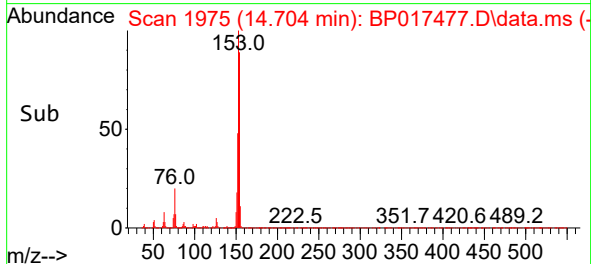
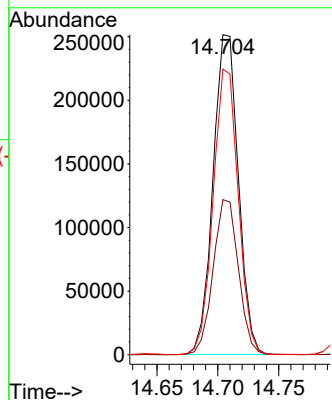
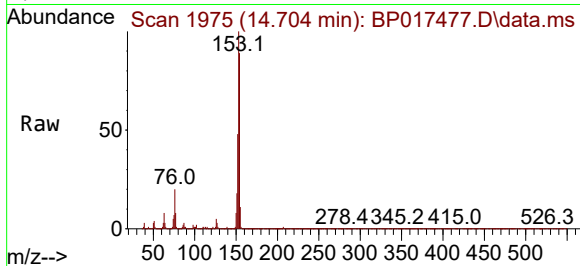




#52
Acenaphthene
Concen: 20.229 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

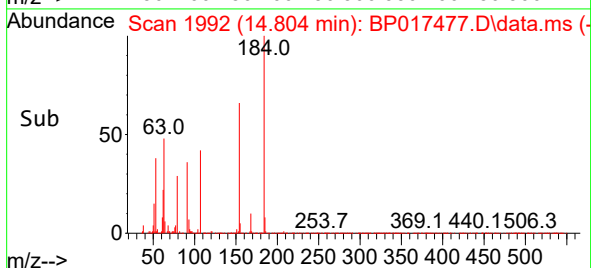
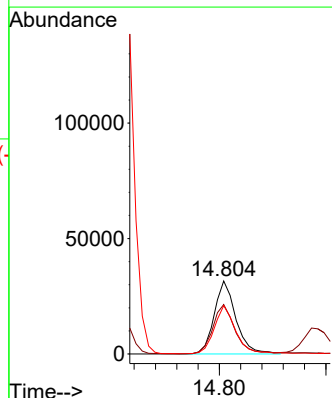
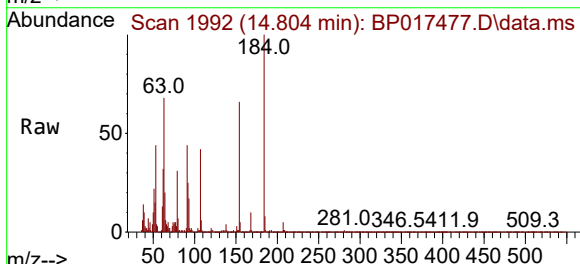
Instrument :
BNA_P
ClientSampleId :
SSTD020764

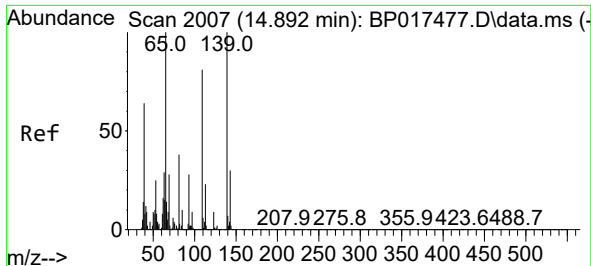
Tgt Ion:153 Resp: 363822
Ion Ratio Lower Upper
153 100
152 48.5 38.0 57.0
154 89.2 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 20.139 ng/ul
RT: 14.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:184 Resp: 44632
Ion Ratio Lower Upper
184 100
63 67.8 53.2 79.8
154 66.3 48.9 73.3

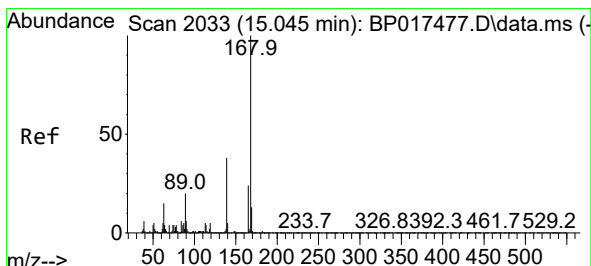
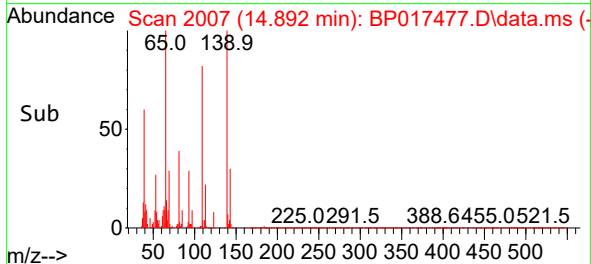
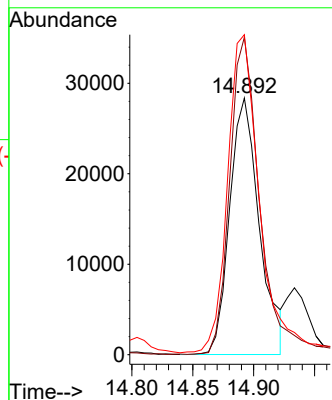
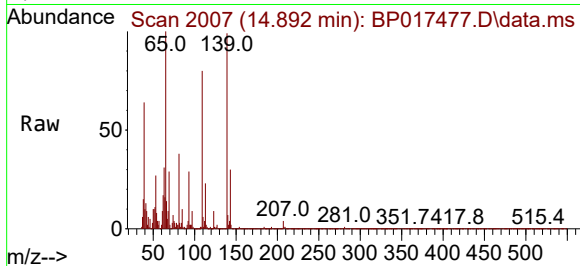




#55
4-Nitrophenol
Concen: 17.462 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

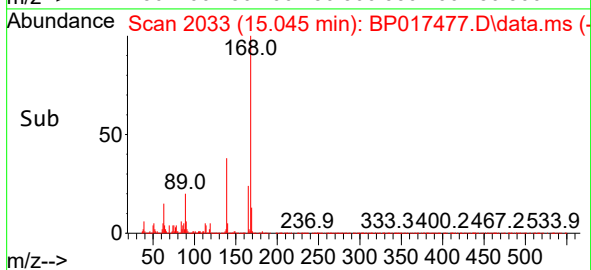
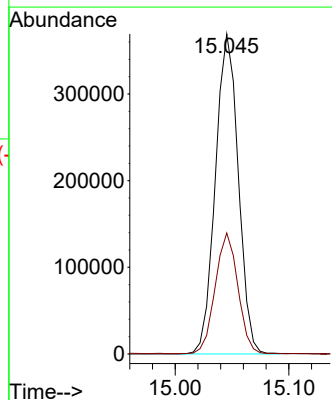
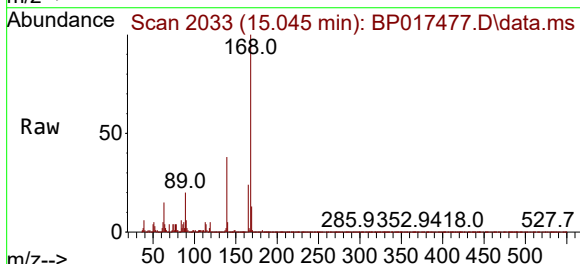
Instrument :
BNA_P
ClientSampleId :
SSTD020764

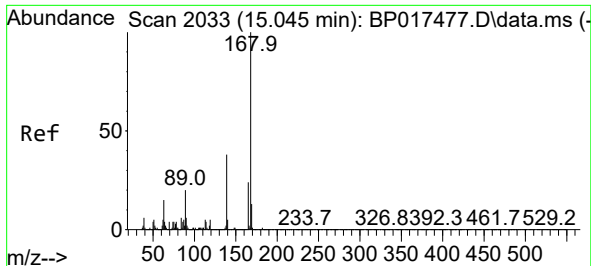
Tgt Ion:109 Resp: 48126
Ion Ratio Lower Upper
109 100
139 123.7 105.7 158.5
65 124.7 105.4 158.0



#56
Dibenzofuran
Concen: 21.055 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:168 Resp: 518575
Ion Ratio Lower Upper
168 100
139 37.8 30.6 45.8

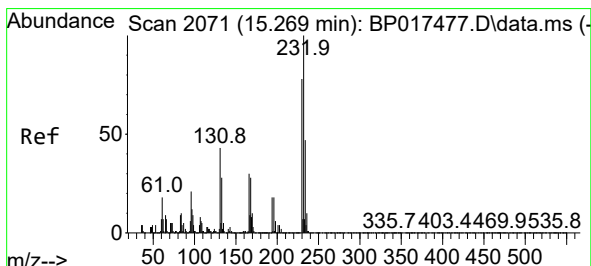
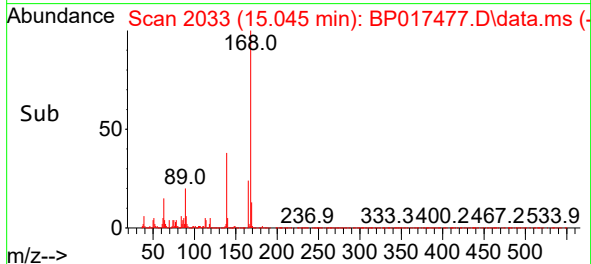
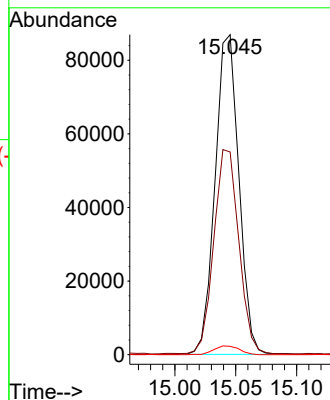
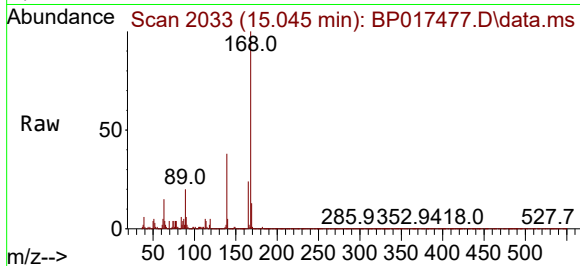




#57
2,4-Dinitrotoluene
Concen: 22.619 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

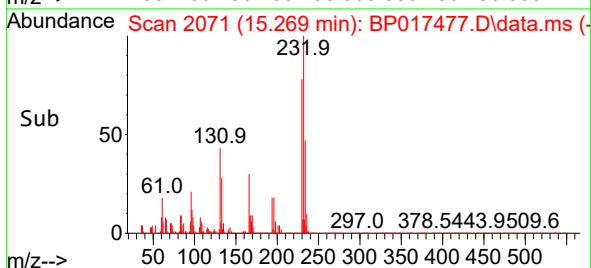
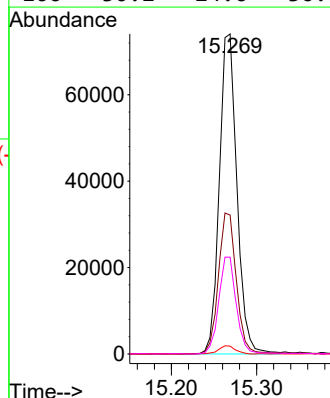
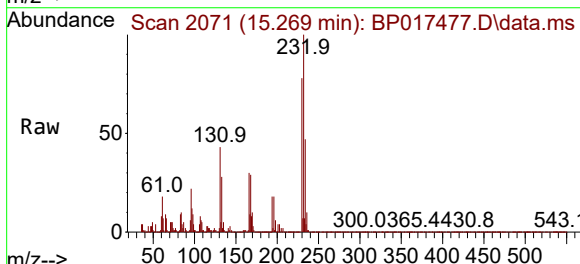
Instrument :
BNA_P
ClientSampleId :
SSTD020764

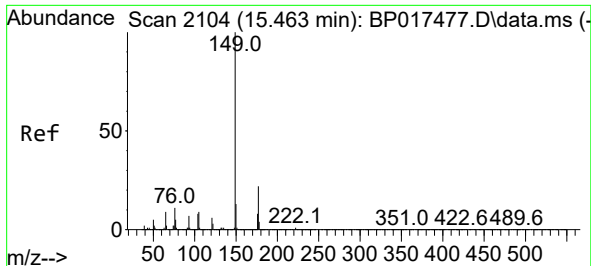
Tgt Ion:165 Resp: 118038
Ion Ratio Lower Upper
165 100
63 63.4 45.6 68.4
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.690 ng/ul
RT: 15.269 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:232 Resp: 106096
Ion Ratio Lower Upper
232 100
131 43.4 38.4 57.6
130 2.5 2.0 3.0
166 30.2 24.6 36.8

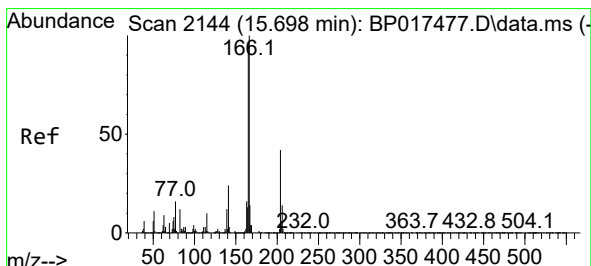
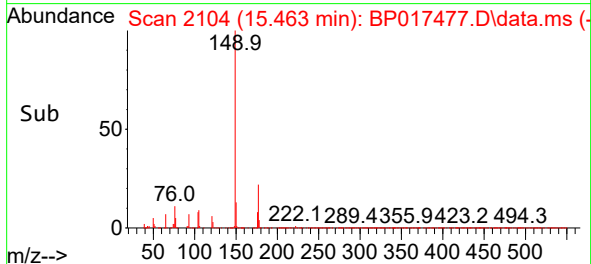
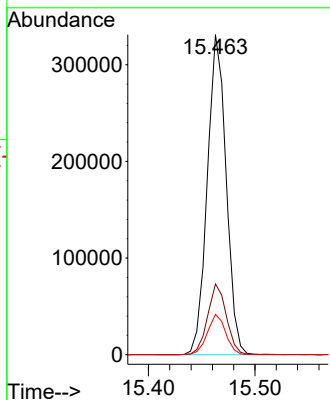
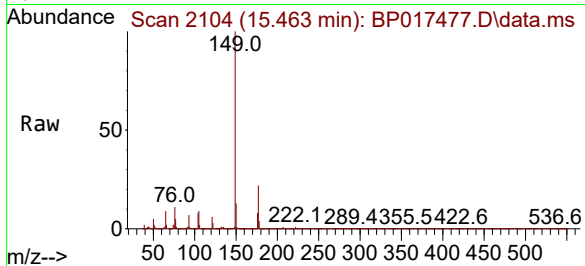




#59
Diethylphthalate
Concen: 20.633 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

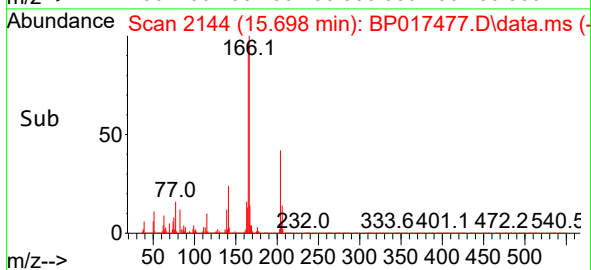
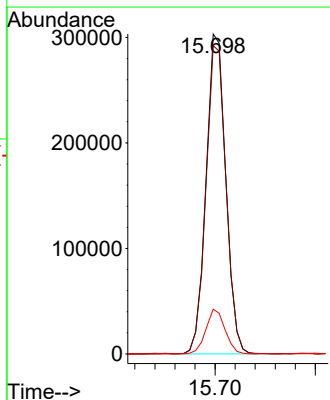
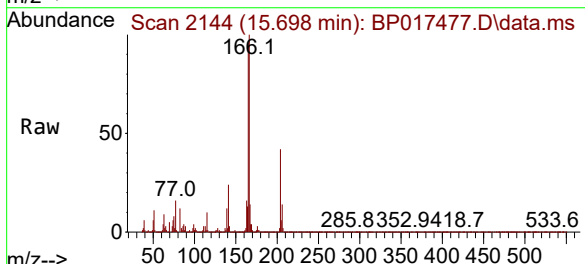
Instrument :
BNA_P
ClientSampleId :
SSTD020764

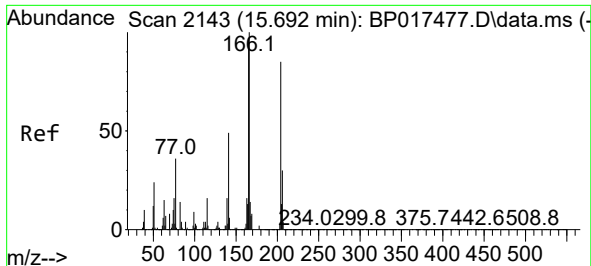
Tgt Ion:149 Resp: 406868
Ion Ratio Lower Upper
149 100
177 22.1 17.0 25.6
150 12.6 9.8 14.6



#61
Fluorene
Concen: 20.781 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:166 Resp: 415854
Ion Ratio Lower Upper
166 100
165 96.3 77.8 116.6
167 14.0 10.9 16.3

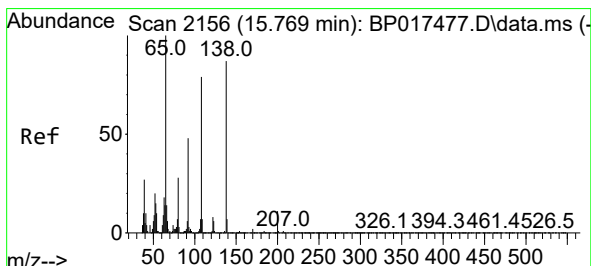
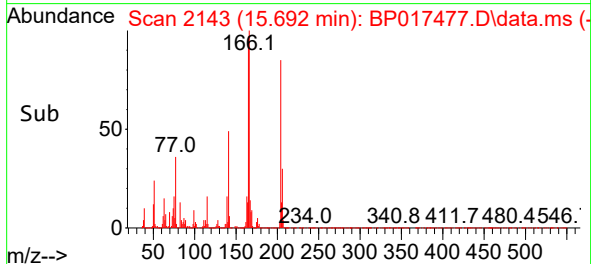
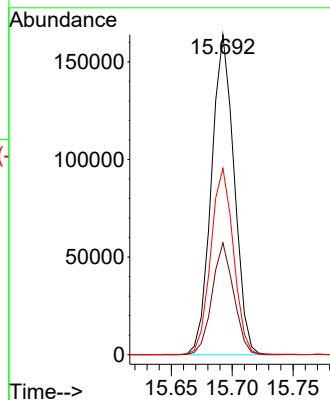
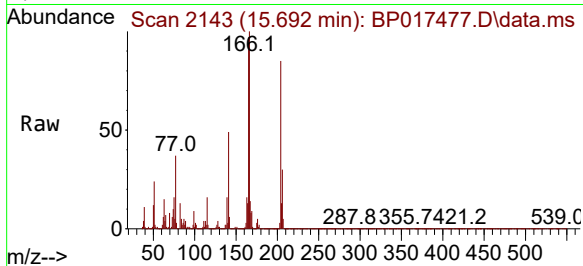




#62
4-Chlorophenyl-phenylether
Concen: 20.983 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

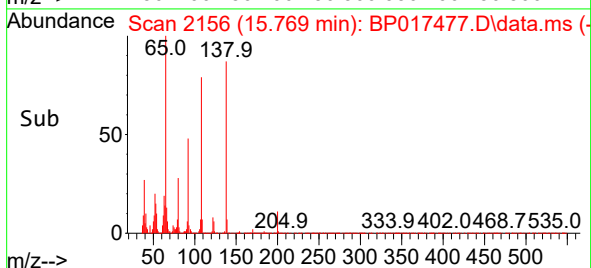
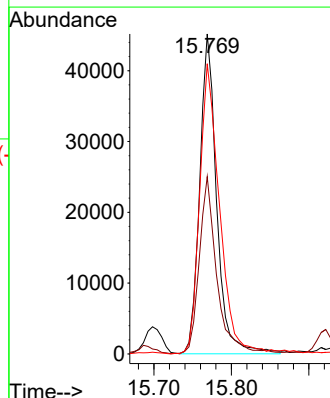
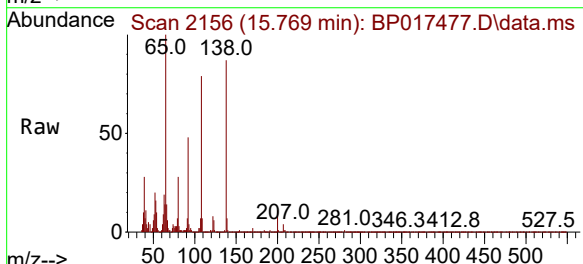
Instrument :
BNA_P
ClientSampleId :
SSTD020764

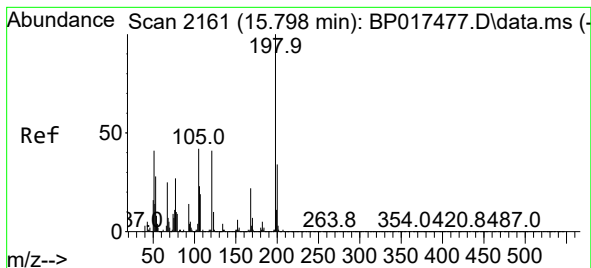
Tgt Ion:204 Resp: 212804
Ion Ratio Lower Upper
204 100
206 35.0 26.2 39.4
141 58.2 45.9 68.9



#63
4-Nitroaniline
Concen: 20.230 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:138 Resp: 68839
Ion Ratio Lower Upper
138 100
92 55.4 42.4 63.6
108 90.7 73.0 109.6

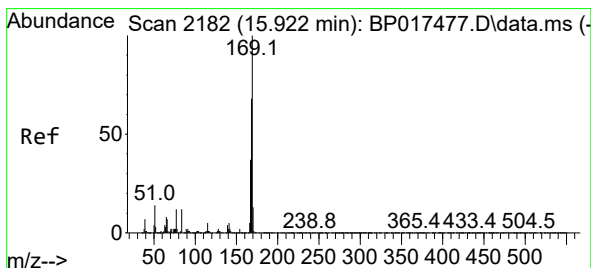
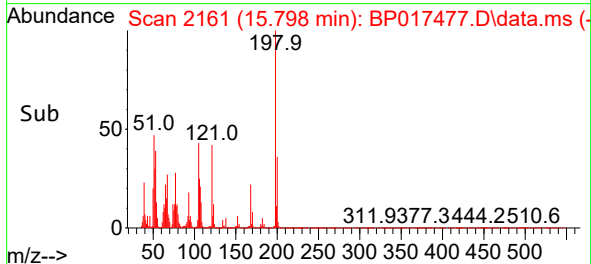
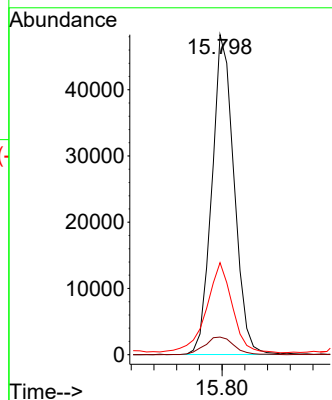
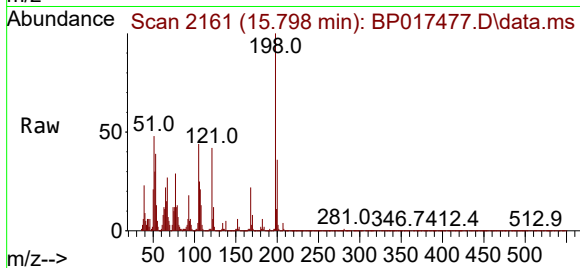




#66
4,6-Dinitro-2-methylphenol
Concen: 16.904 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

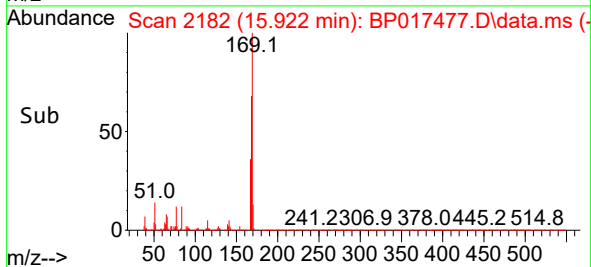
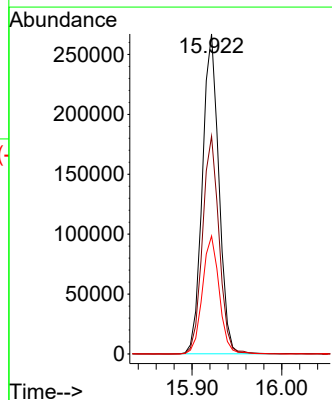
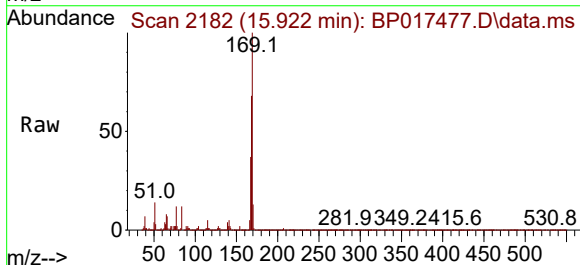
Instrument :
BNA_P
ClientSampleId :
SSTD020764

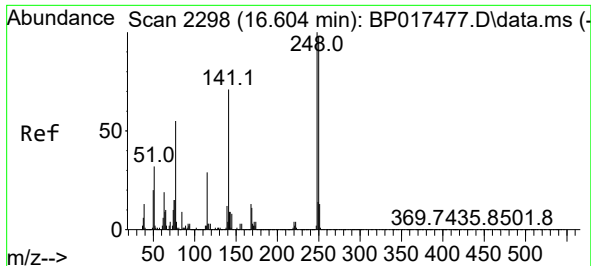
Tgt Ion:198 Resp: 65356
Ion Ratio Lower Upper
198 100
182 5.5 4.3 6.5
77 28.8 20.4 30.6



#67
N-Nitrosodiphenylamine
Concen: 19.446 ng/ul
RT: 15.922 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:169 Resp: 340125
Ion Ratio Lower Upper
169 100
168 68.1 53.5 80.3
167 36.9 30.0 45.0

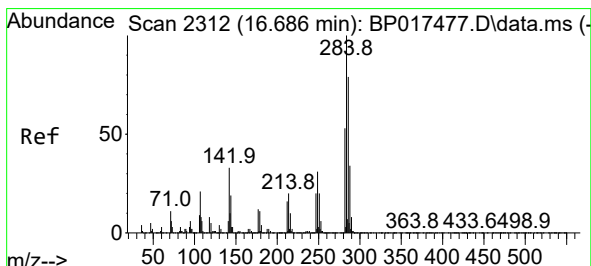
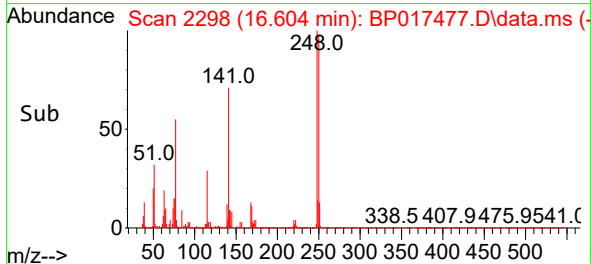
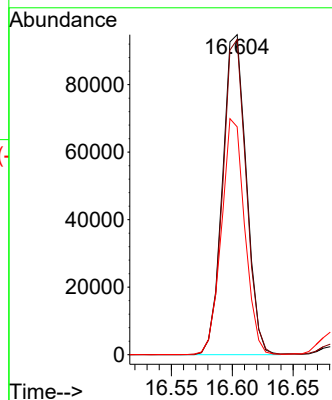
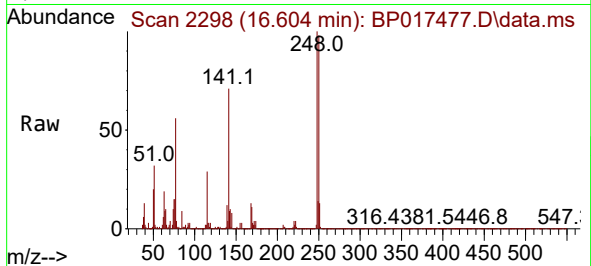




#68
4-Bromophenyl-phenylether
Concen: 20.202 ng/ul
RT: 16.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

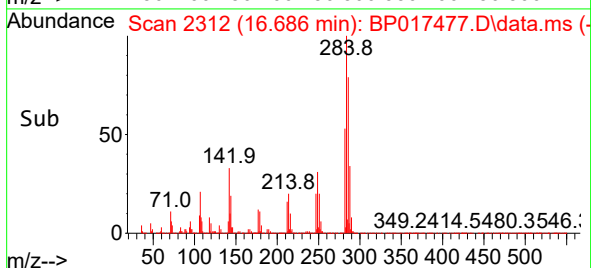
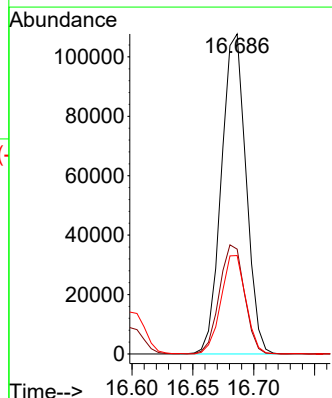
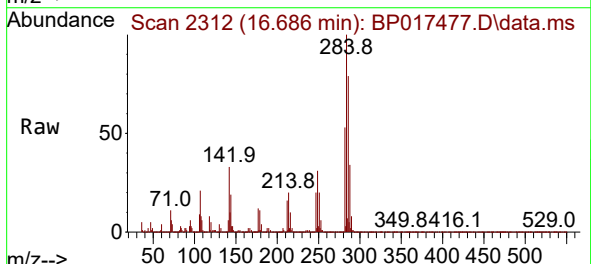
Instrument :
BNA_P
ClientSampleId :
SSTD020764

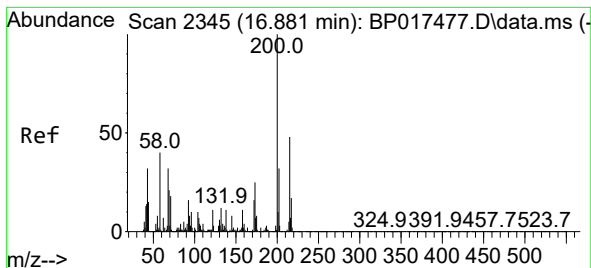
Tgt Ion:248 Resp: 129052
Ion Ratio Lower Upper
248 100
250 98.5 78.6 117.8
141 71.2 56.3 84.5



#69
Hexachlorobenzene
Concen: 20.485 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BP017477.D
Acq: 02 Oct 2023 15:07

Tgt Ion:284 Resp: 151848
Ion Ratio Lower Upper
284 100
142 32.7 29.5 44.3
249 30.7 25.7 38.5





#70

Atrazine

Concen: 19.554 ng/ul

RT: 16.881 min Scan# 2345

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

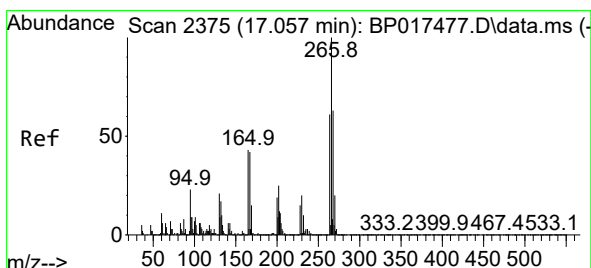
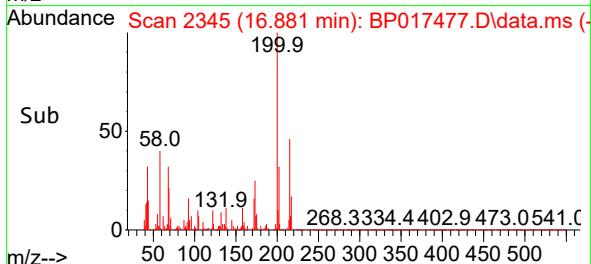
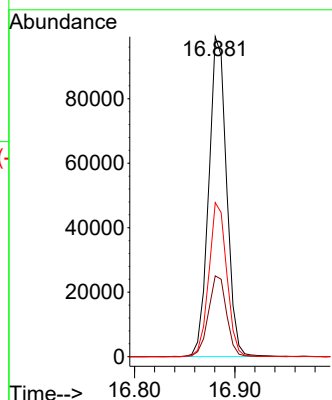
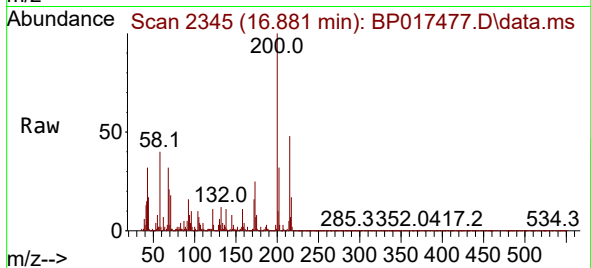
Tgt Ion:200 Resp: 122531

Ion Ratio Lower Upper

200 100

173 25.3 20.3 30.5

215 48.2 38.2 57.4



#71

Pentachlorophenol

Concen: 19.235 ng/ul

RT: 17.057 min Scan# 2375

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

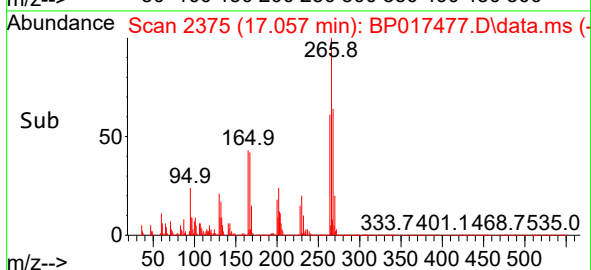
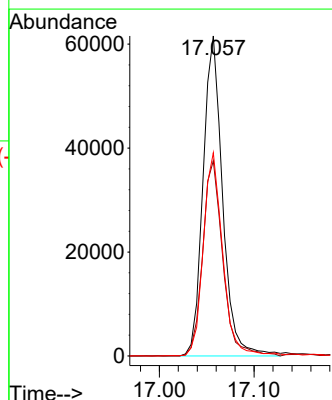
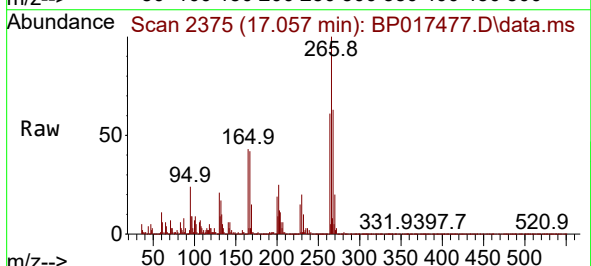
Tgt Ion:266 Resp: 88078

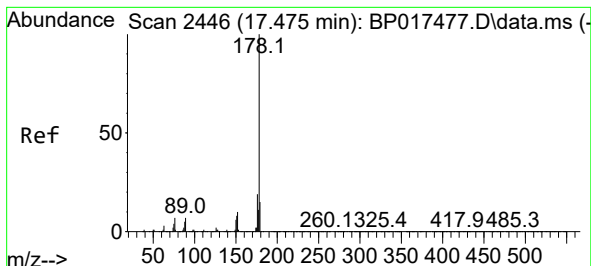
Ion Ratio Lower Upper

266 100

264 61.0 48.9 73.3

268 63.5 51.6 77.4





#72

Phenanthrene

Concen: 20.106 ng/ul

RT: 17.475 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

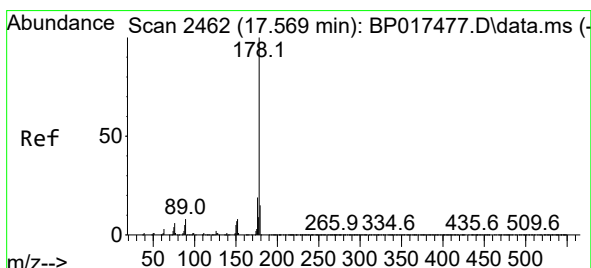
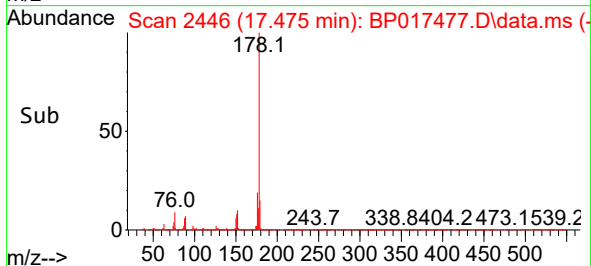
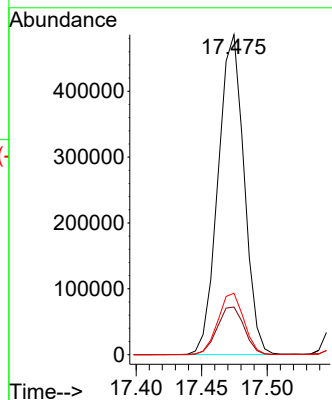
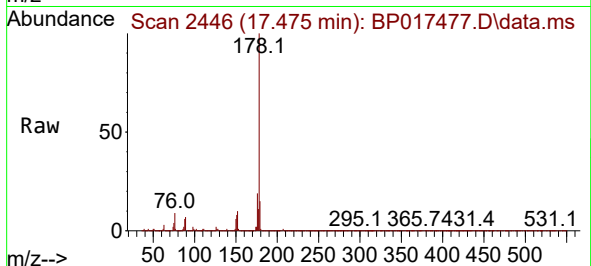
Tgt Ion:178 Resp: 669634

Ion Ratio Lower Upper

178 100

179 14.9 12.7 19.1

176 19.2 15.8 23.6



#74

Anthracene

Concen: 20.323 ng/ul

RT: 17.569 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

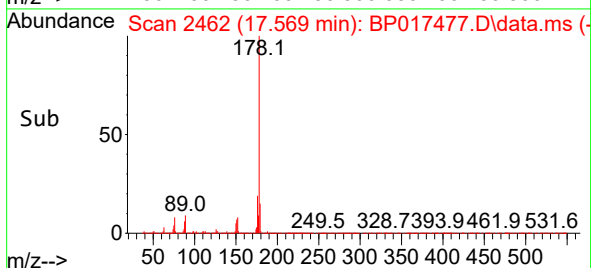
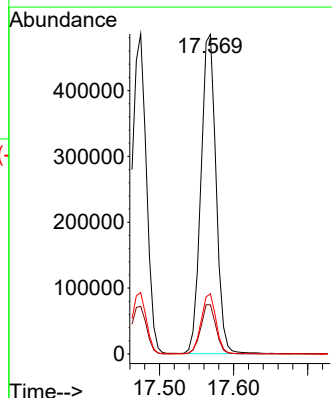
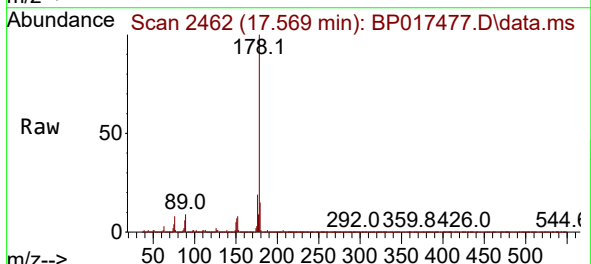
Tgt Ion:178 Resp: 685978

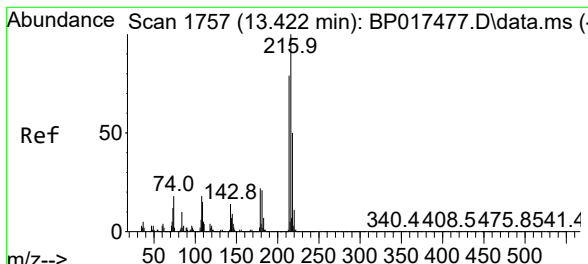
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.8 15.1 22.7



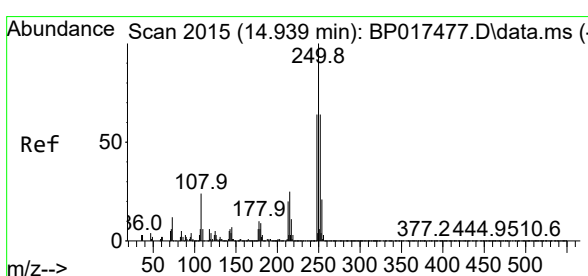
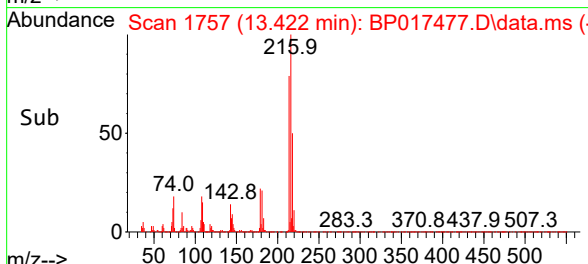
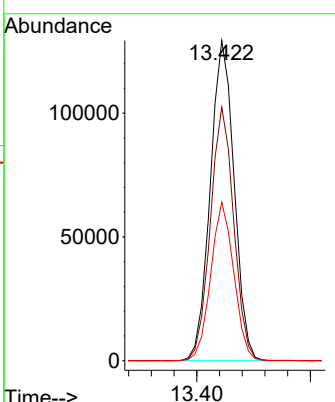
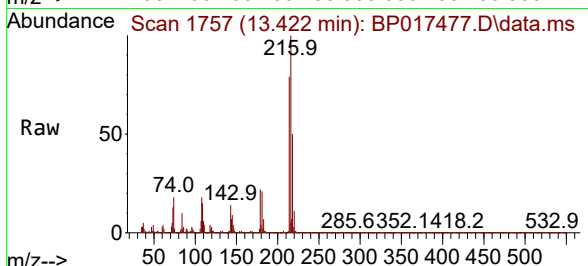


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.317 ng/uL
 RT: 13.422 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BP017477.D
 Acq: 02 Oct 2023 15:07

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020764

Tgt Ion: 216 Resp: 188517

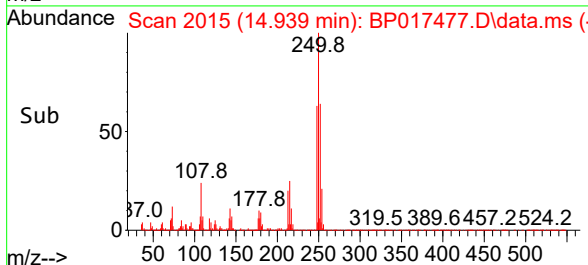
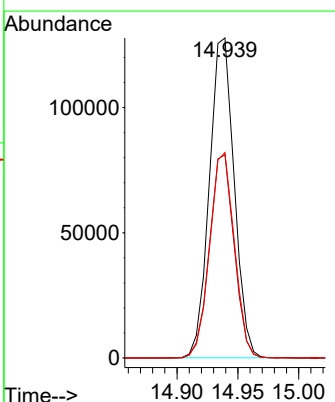
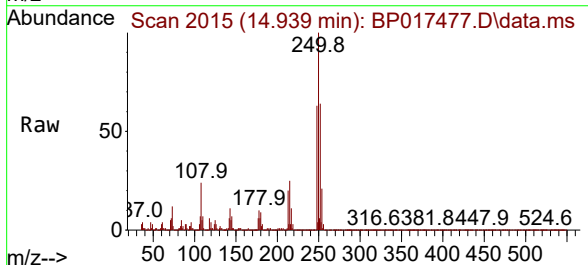
Ion	Ratio	Lower	Upper
216	100		
214	79.2	61.2	91.8
218	49.5	36.8	55.2

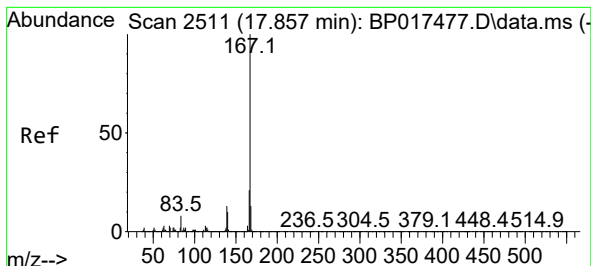


#76
 Pentachlorobenzene
 Concen: 19.677 ng/uL
 RT: 14.939 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: BP017477.D
 Acq: 02 Oct 2023 15:07

Tgt Ion: 250 Resp: 181395

Ion	Ratio	Lower	Upper
250	100		
248	63.5	50.1	75.1
252	64.2	52.2	78.2





#77

Carbazole

Concen: 20.222 ng/ul

RT: 17.857 min Scan# 2511

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

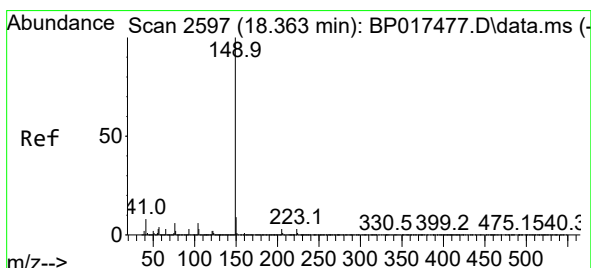
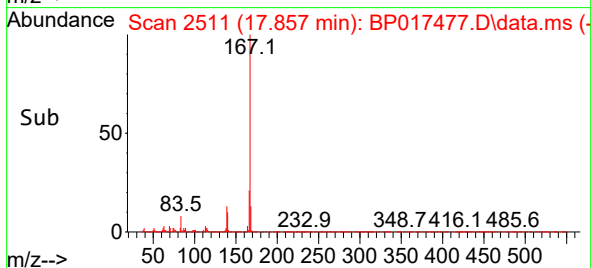
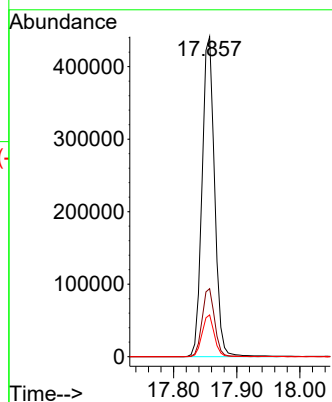
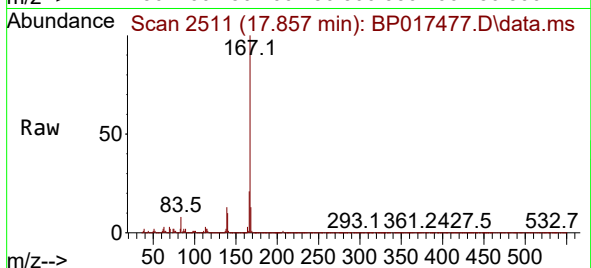
Tgt Ion:167 Resp: 607104

Ion Ratio Lower Upper

167 100

166 21.2 16.5 24.7

139 13.1 10.5 15.7



#78

Di-n-butylphthalate

Concen: 20.347 ng/ul

RT: 18.363 min Scan# 2597

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

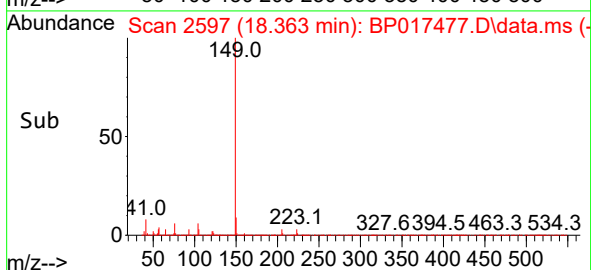
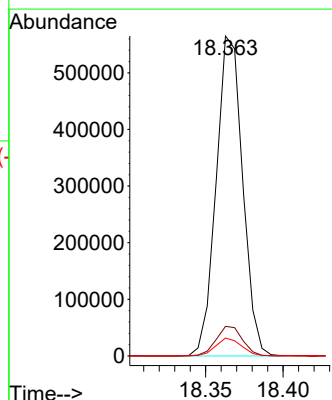
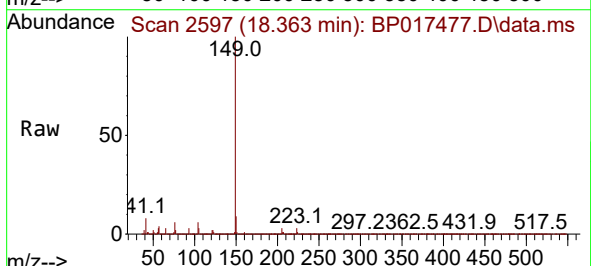
Tgt Ion:149 Resp: 671746

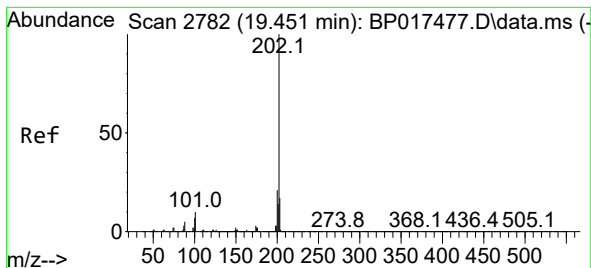
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.6 4.5 6.7





#80

Fluoranthene

Concen: 20.687 ng/ul

RT: 19.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

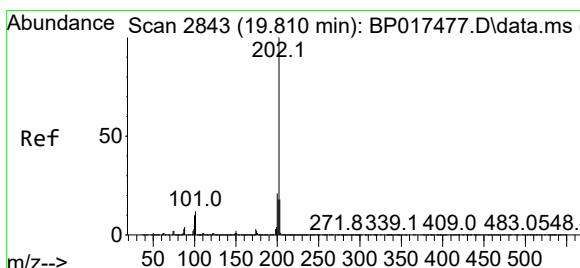
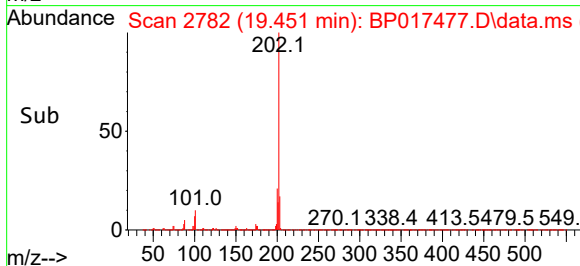
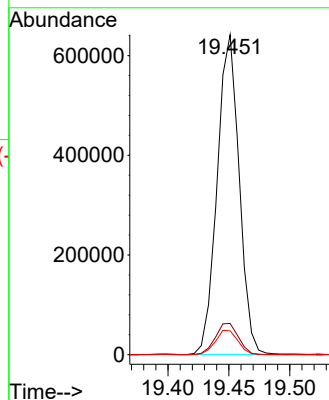
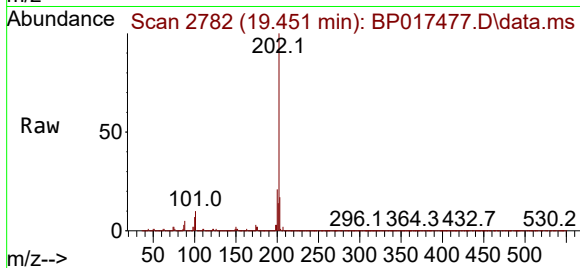
Tgt Ion:202 Resp: 808260

Ion Ratio Lower Upper

202 100

101 9.7 8.4 12.6

100 7.5 6.6 10.0



#82

Pyrene

Concen: 20.503 ng/ul

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

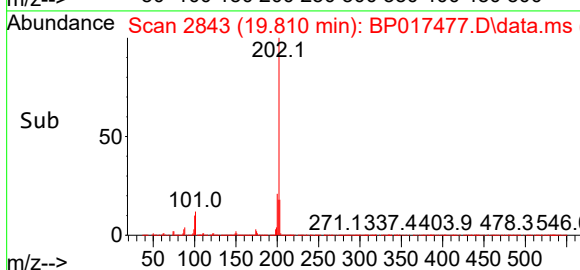
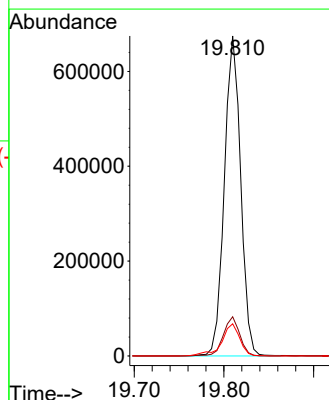
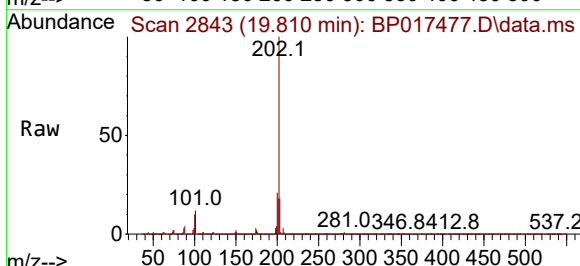
Tgt Ion:202 Resp: 851576

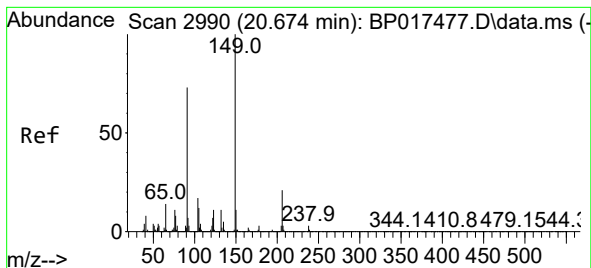
Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

100 10.1 8.1 12.1





#83

Butylbenzylphthalate

Concen: 20.992 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

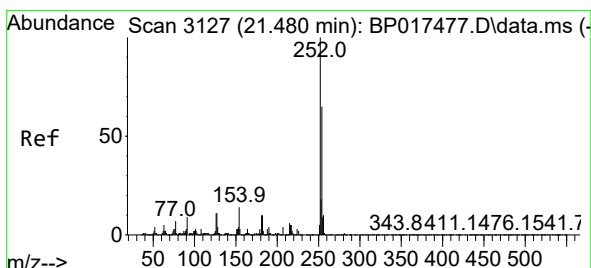
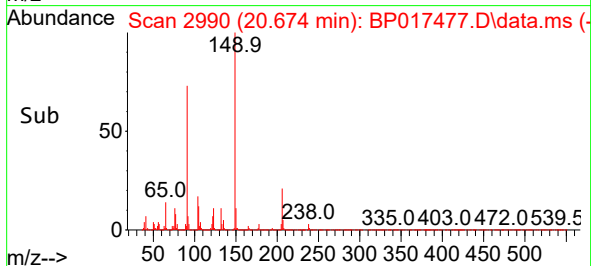
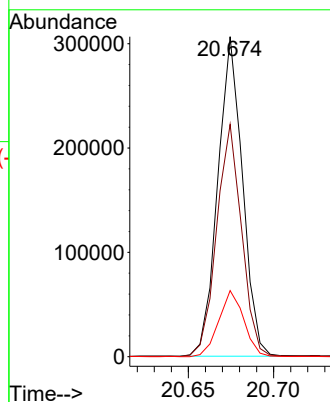
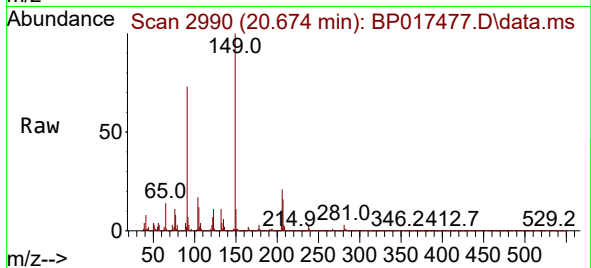
Tgt Ion:149 Resp: 309145

Ion Ratio Lower Upper

149 100

91 72.6 59.8 89.6

206 20.7 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 16.341 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

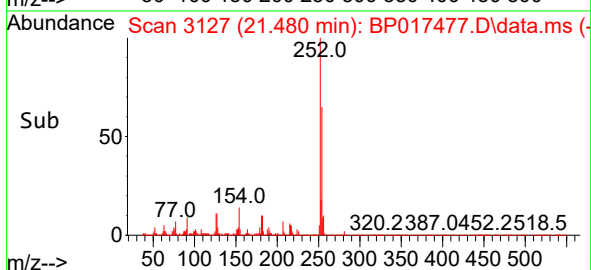
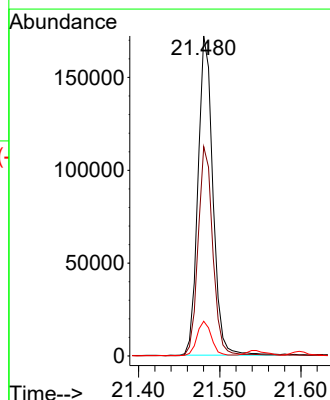
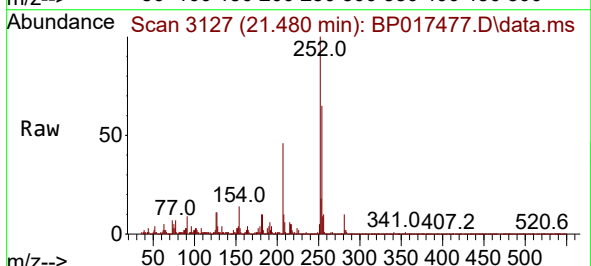
Tgt Ion:252 Resp: 219939

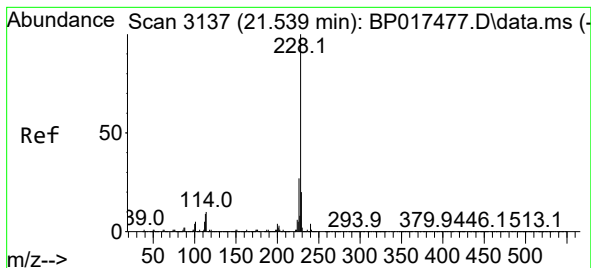
Ion Ratio Lower Upper

252 100

254 65.4 51.9 77.9

126 10.8 9.1 13.7





#85

Benzo(a)anthracene

Concen: 20.334 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

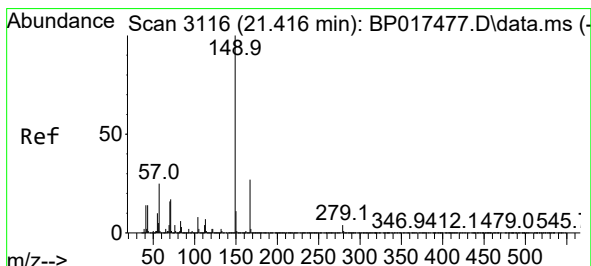
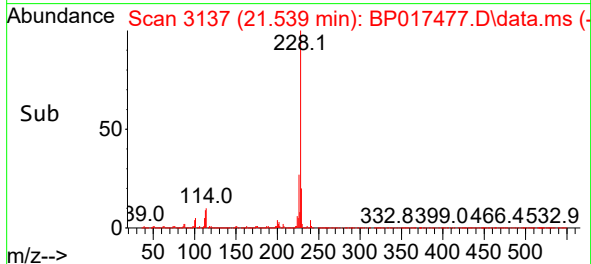
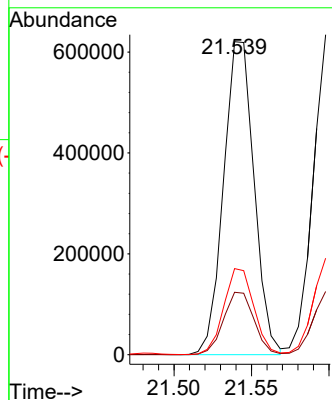
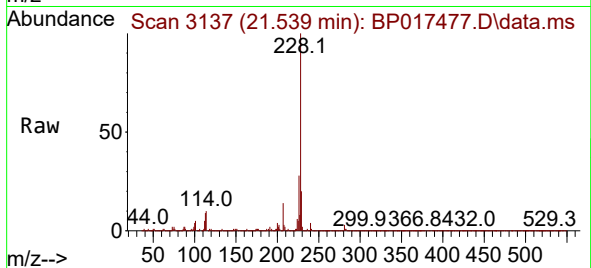
Tgt Ion:228 Resp: 850176

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 27.5 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.761 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

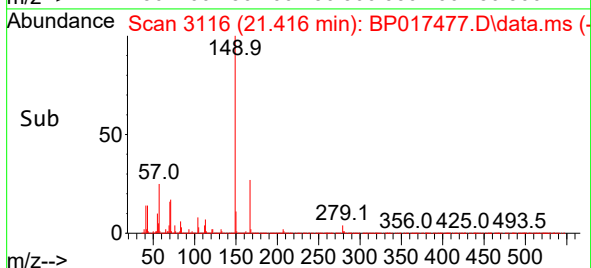
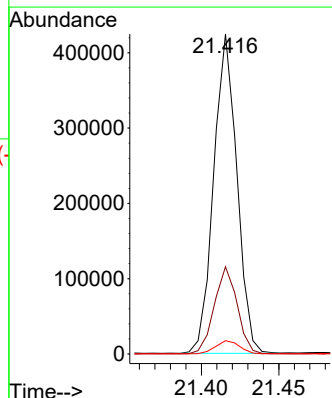
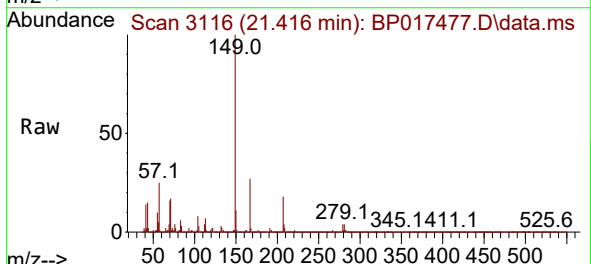
Tgt Ion:149 Resp: 441541

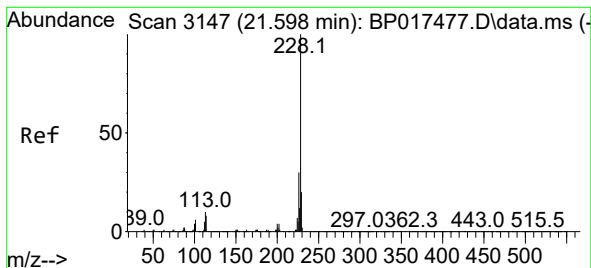
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.6

279 4.1 3.0 4.4





#87

Chrysene

Concen: 20.218 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

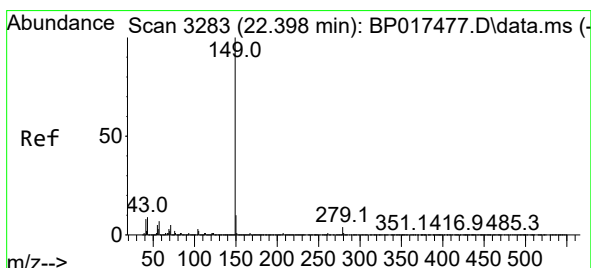
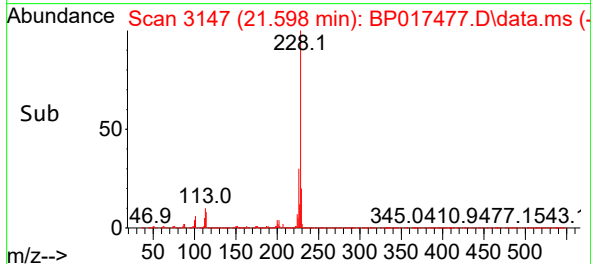
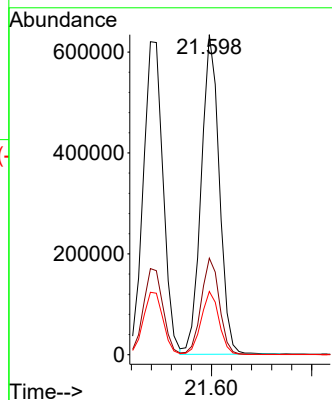
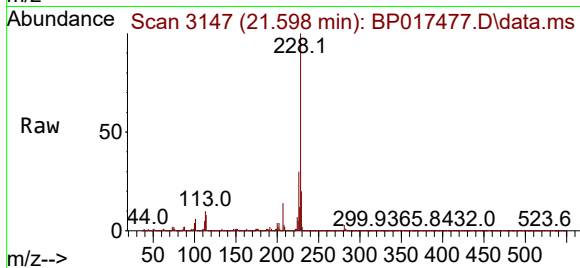
Tgt Ion:228 Resp: 795560

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.7 15.0 22.6



#89

Di-n-octyl phthalate

Concen: 20.504 ng/ul

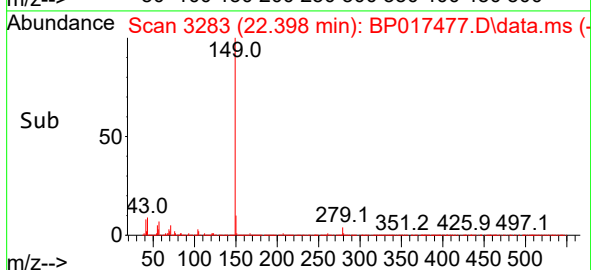
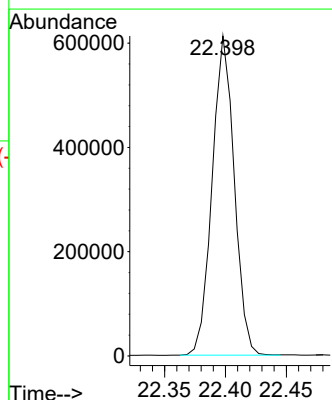
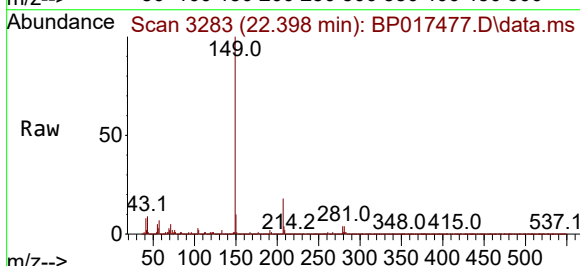
RT: 22.398 min Scan# 3283

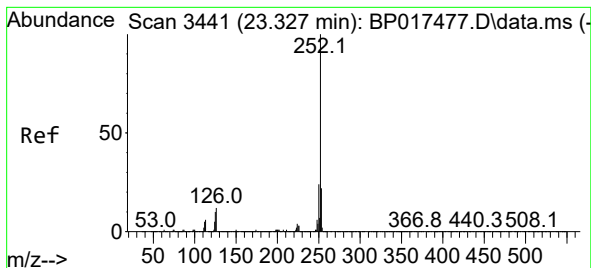
Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Tgt Ion:149 Resp: 771971





#90

Benzo(b)fluoranthene

Concen: 20.623 ng/ul

RT: 23.327 min Scan# 3441

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

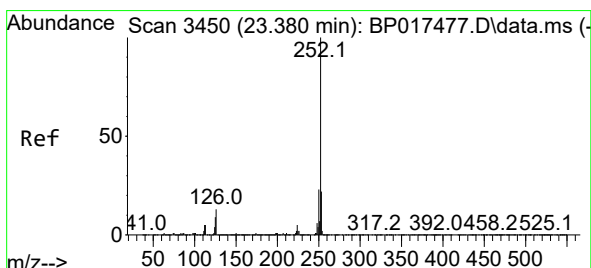
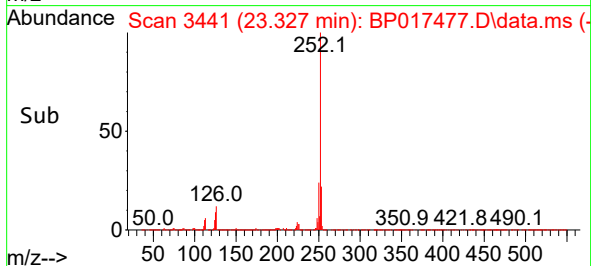
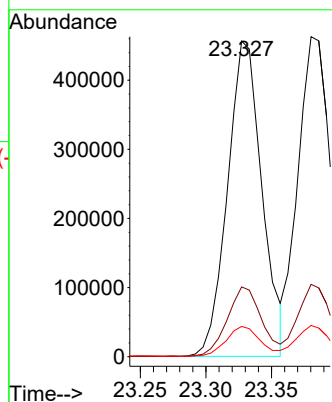
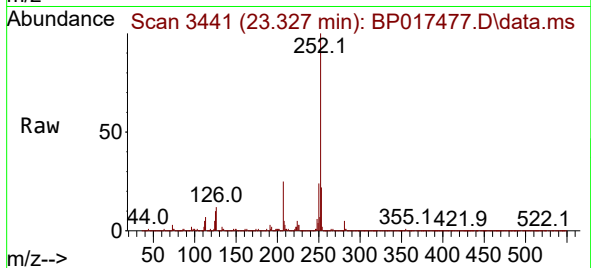
Tgt Ion:252 Resp: 832196

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.6 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 20.026 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

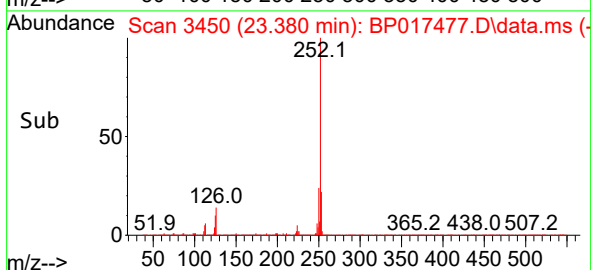
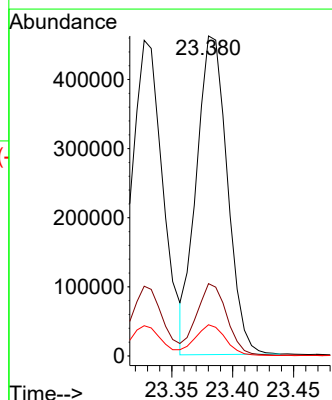
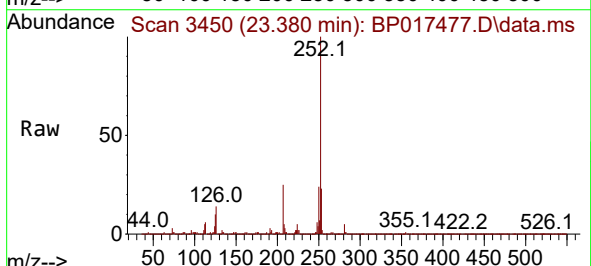
Tgt Ion:252 Resp: 815289

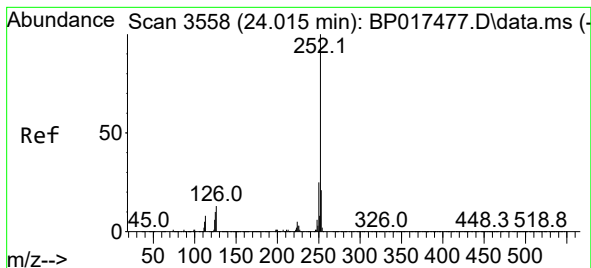
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 9.7 7.8 11.6





#93

Benzo(a)pyrene

Concen: 20.075 ng/ul

RT: 24.015 min Scan# 3558

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

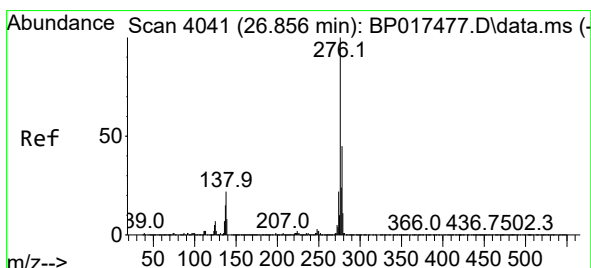
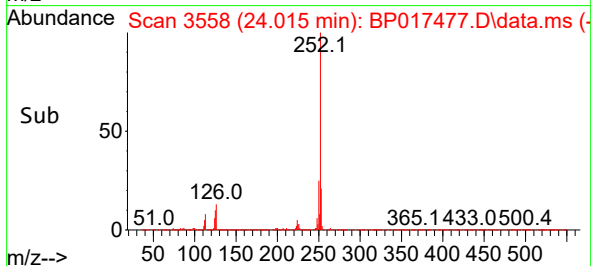
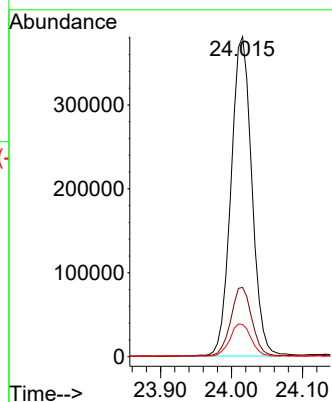
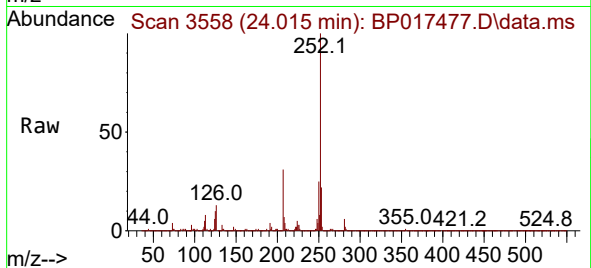
Tgt Ion:252 Resp: 775080

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.1 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.700 ng/ul

RT: 26.856 min Scan# 4041

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

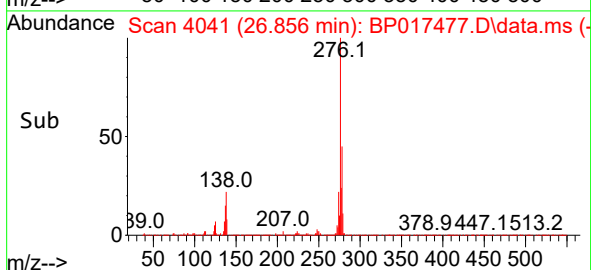
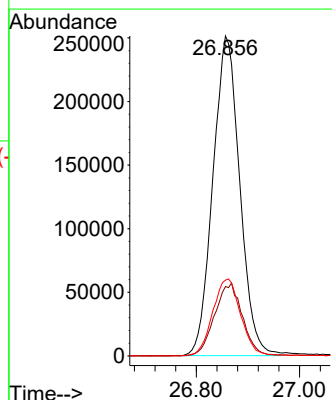
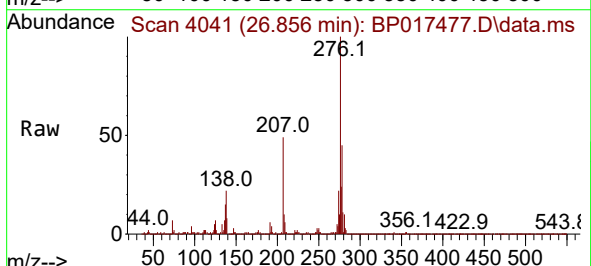
Tgt Ion:276 Resp: 904992

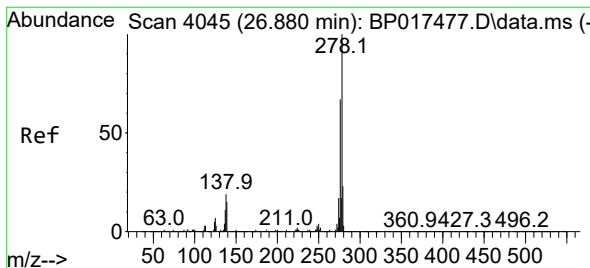
Ion Ratio Lower Upper

276 100

138 21.7 17.9 26.9

277 23.7 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 18.082 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SSTD020764

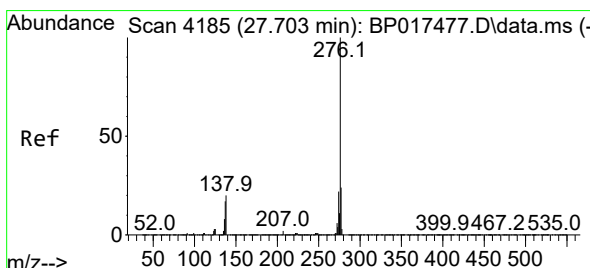
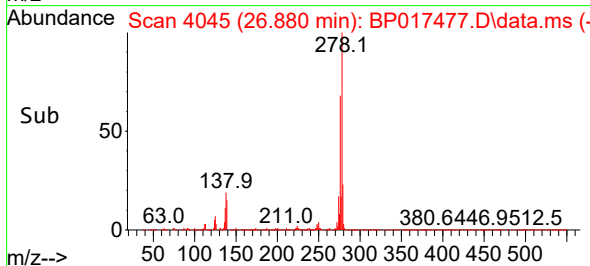
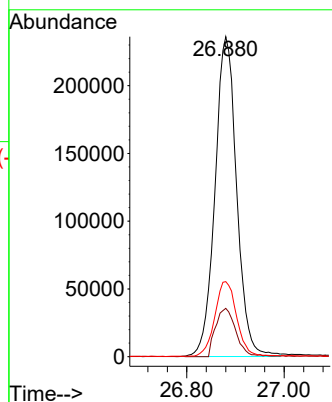
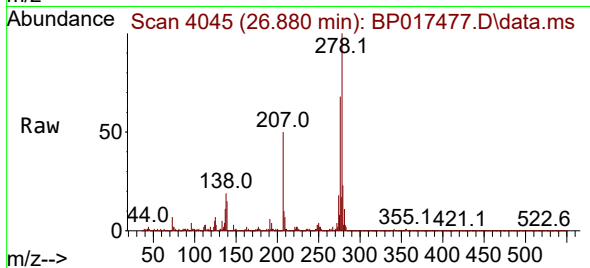
Tgt Ion:278 Resp: 728863

Ion Ratio Lower Upper

278 100

139 15.1 13.4 20.0

279 23.4 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 19.256 ng/ul

RT: 27.703 min Scan# 4185

Delta R.T. -0.000 min

Lab File: BP017477.D

Acq: 02 Oct 2023 15:07

Tgt Ion:276 Resp: 751478

Ion Ratio Lower Upper

276 100

138 20.4 17.3 25.9

277 24.1 18.8 28.2

