

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020346.D
 Acq On : 12 May 2024 09:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020795

Quant Time: May 13 00:30:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 00:21:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	90395	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	369560	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	251779	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	554047	20.000	ng/u1	-0.02
79) Chrysene-d12	21.610	240	584050	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	655918	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	14780	6.905	ng/uL	0.00
4) Pyridine-d5	3.616	84	99629	16.020	ng/u1	0.00
7) Phenol-d5	6.805	99	135900	17.506	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	80225	17.012	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	106568	19.203	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	111156	17.711	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	53125	19.197	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	63348	19.989	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	116738	20.186	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	146237	18.068	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	347522	18.901	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	390555	19.229	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.545	143	40589	14.363	ng/u1	-0.02
60) Fluorene-d10	15.298	176	297636	19.408	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	60328	17.159	ng/u1	-0.02
73) Anthracene-d10	17.216	188	477110	19.906	ng/u1	-0.02
81) Pyrene-d10	19.610	212	586598	17.182	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.745	264	609731	19.226	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	15291	6.296	ng/uL	95
5) Pyridine	3.640	79	102834	16.348	ng/u1	95
6) Benzaldehyde	6.787	77	77533	19.870	ng/u1	98
8) Phenol	6.834	94	140190	17.496	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.057	93	109553	17.473	ng/u1	99
12) 2-Chlorophenol	7.181	128	112434	19.405	ng/u1	94
13) 2-Methylphenol	8.057	108	106307	17.787	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.128	45	135316	17.301	ng/u1	96
16) Acetophenone	8.440	105	182180	17.489	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	96343	17.044	ng/u1	95
18) 4-Methylphenol	8.387	108	113476	17.468	ng/u1	95
19) Hexachloroethane	8.657	117	49797	18.794	ng/u1	91
22) Nitrobenzene	8.816	77	144709	18.215	ng/u1	96
23) Isophorone	9.334	82	266042	17.416	ng/u1	98
25) 2-Nitrophenol	9.516	139	65438	19.935	ng/u1	96
26) 2,4-Dimethylphenol	9.575	107	132846	18.550	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.816	93	151174	17.851	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	111564	19.833	ng/u1	96
30) Naphthalene	10.434	128	362410	19.026	ng/u1	99
32) 4-Chloroaniline	10.569	127	145944	18.439	ng/u1	99
33) Hexachlorobutadiene	10.693	225	87545	20.037	ng/u1	97
34) Caprolactam	11.381	113	33408	17.009	ng/u1	91
35) 4-Chloro-3-methylphenol	11.704	107	133671	19.086	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	255124	19.249	ng/u1	97

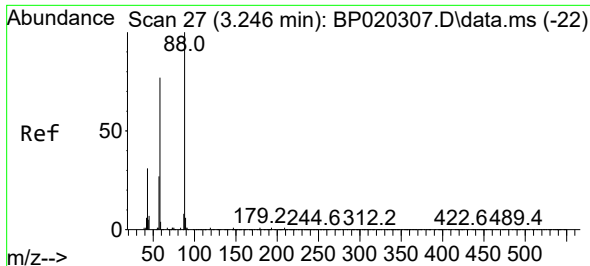
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	252060	18.899	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	159994	20.375	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	48838	11.436	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	98440	19.991	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	105243	19.862	ng/ul	98
43) 1,1'-Biphenyl	13.092	154	339212	19.048	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	271744	19.230	ng/ul	98
45) 2-Nitroaniline	13.375	65	85354	18.210	ng/ul	96
47) Dimethylphthalate	13.745	163	353183	19.017	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	72871	19.737	ng/ul	97
50) Acenaphthylene	13.998	152	441862	19.342	ng/ul	98
51) 3-Nitroaniline	14.228	138	65340	18.975	ng/ul	98
52) Acenaphthene	14.345	153	290185	18.902	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	31643	13.963	ng/ul	93
55) 4-Nitrophenol	14.563	109	59105	20.089	ng/ul	93
56) Dibenzofuran	14.686	168	404634	19.164	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	108267	20.396	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.928	232	97243	20.437	ng/ul#	98
59) Diethylphthalate	15.139	149	349692	18.863	ng/ul	99
61) Fluorene	15.351	166	344465	19.634	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.357	204	184685	19.843	ng/ul	93
63) 4-Nitroaniline	15.422	138	62354	21.728	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	64482	17.589	ng/ul	93
67) N-Nitrosodiphenylamine	15.581	169	293133	19.002	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	118077	19.675	ng/ul	94
69) Hexachlorobenzene	16.375	284	140855	20.264	ng/ul	97
70) Atrazine	16.581	200	100864	18.439	ng/ul	97
71) Pentachlorophenol	16.757	266	77166	18.367	ng/ul	94
72) Phenanthrene	17.151	178	553800	19.591	ng/ul	99
74) Anthracene	17.251	178	570932	19.857	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	157924	19.179	ng/uL	98
76) Pentachlorobenzene	14.598	250	159531	19.360	ng/uL	99
77) Carbazole	17.551	167	494628	19.970	ng/ul	99
78) Di-n-butylphthalate	18.139	149	596683	19.875	ng/ul	99
80) Fluoranthene	19.263	202	685509	17.062	ng/ul	97
82) Pyrene	19.645	202	707541	16.925	ng/ul	99
83) Butylbenzylphthalate	20.621	149	289127	18.219	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	228203	19.198	ng/ul	95
85) Benzo(a)anthracene	21.586	228	747773	18.877	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	419504	18.324	ng/ul	98
87) Chrysene	21.657	228	686313	18.693	ng/ul	100
89) Di-n-octyl phthalate	22.833	149	731286	17.409	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	737416	18.899	ng/ul	98
91) Benzo(k)fluoranthene	23.980	252	730462	18.370	ng/ul	100
93) Benzo(a)pyrene	24.821	252	690744	18.606	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	360953	7.931	ng/ul	97
95) Dibenzo(a,h)anthracene	28.874	278	701610	18.638	ng/ul	99
96) Benzo(g,h,i)perylene	29.956	276	685713	18.681	ng/ul	97

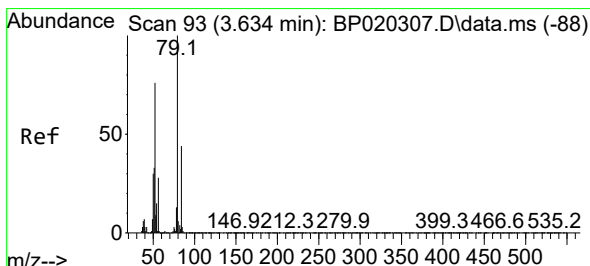
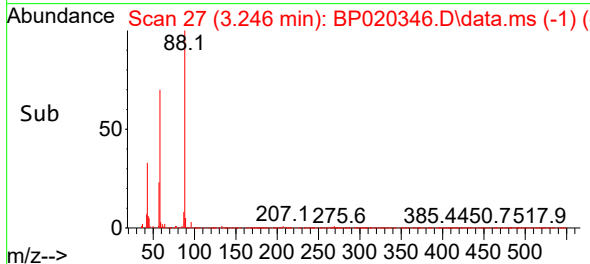
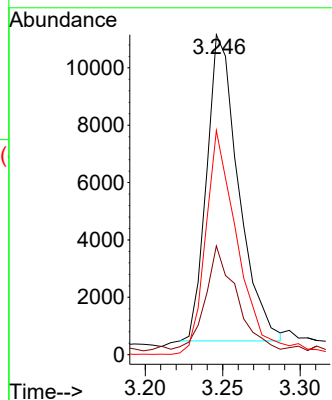
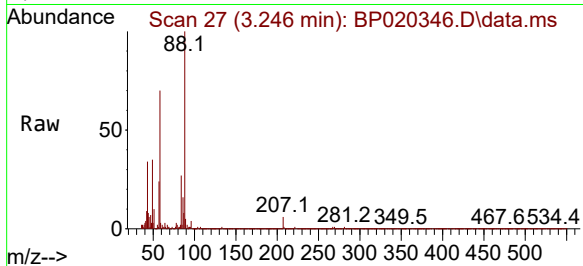
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#2
 1,4-Dioxane
 Concen: 6.296 ng/uL
 RT: 3.246 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP020346.D
 Acq: 12 May 2024 09:54

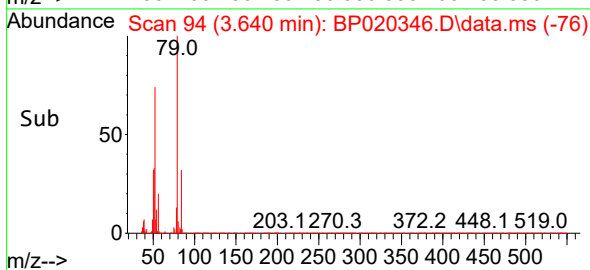
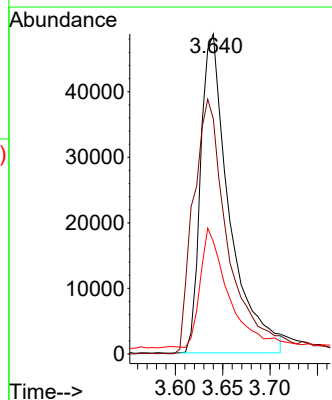
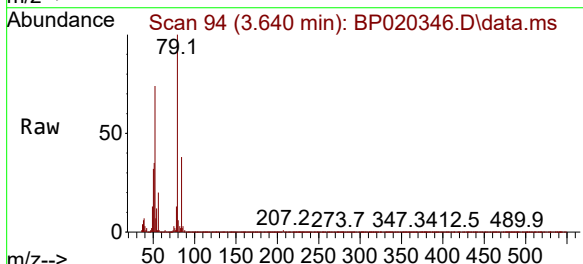
Instrument :
 BNA_P
 ClientSampleId :
 SST020795

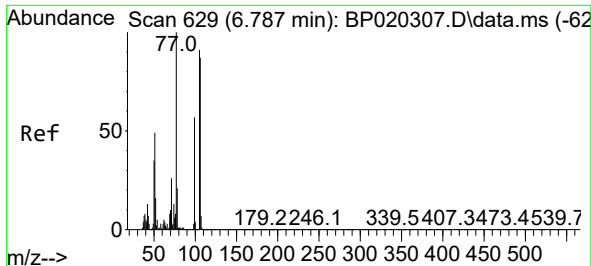
Tgt Ion: 88	Resp: 15291
Ion Ratio	Lower Upper
88 100	
43 34.0	23.9 35.9
58 70.0	58.2 87.4



#5
 Pyridine
 Concen: 16.348 ng/uL
 RT: 3.640 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: BP020346.D
 Acq: 12 May 2024 09:54

Tgt Ion: 79	Resp: 102834
Ion Ratio	Lower Upper
79 100	
52 73.5	60.7 91.1
51 35.2	33.1 49.7

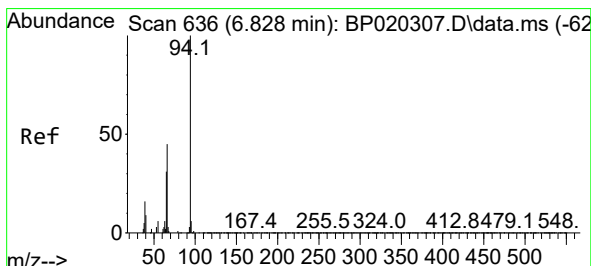
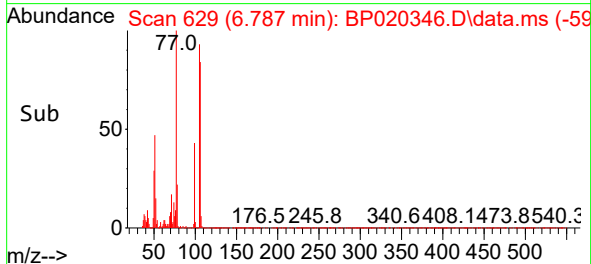
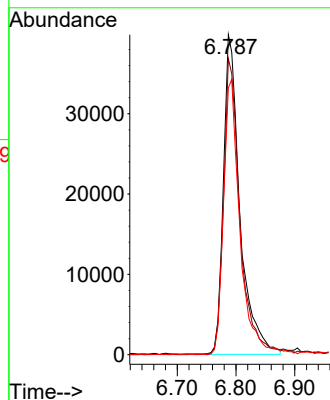
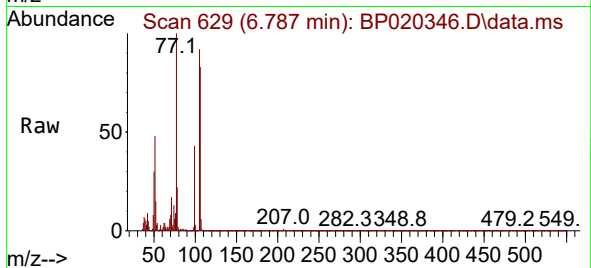




#6
Benzaldehyde
Concen: 19.870 ng/ul
RT: 6.787 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

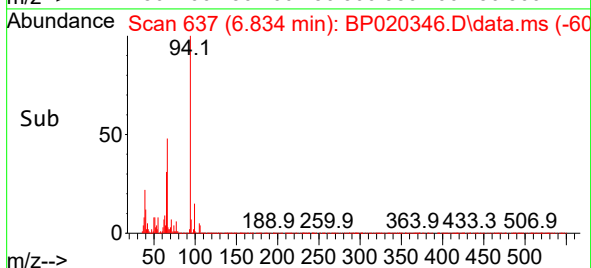
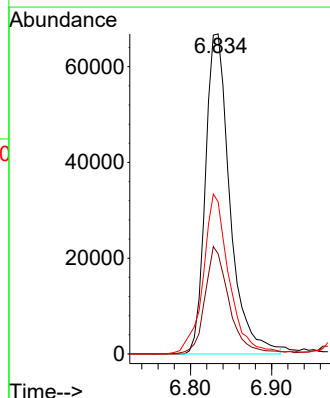
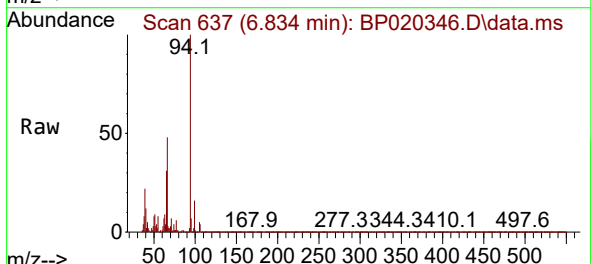
Instrument :
BNA_P
ClientSampleId :
SSTD020795

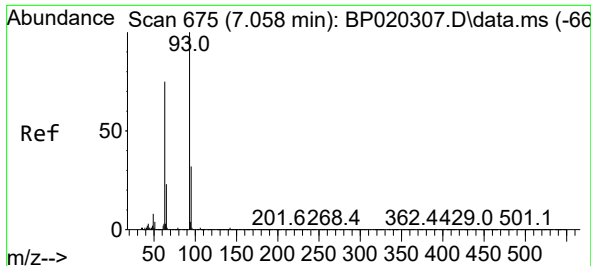
Tgt Ion: 77 Resp: 77533
Ion Ratio Lower Upper
77 100
105 92.5 75.4 113.2
106 83.4 68.2 102.2



#8
Phenol
Concen: 17.496 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion: 94 Resp: 140190
Ion Ratio Lower Upper
94 100
65 31.3 26.1 39.1
66 47.6 38.6 57.8





#10

Bis(2-Chloroethyl)ether

Concen: 17.473 ng/ul

RT: 7.057 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

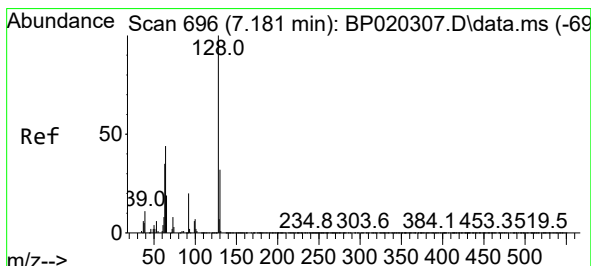
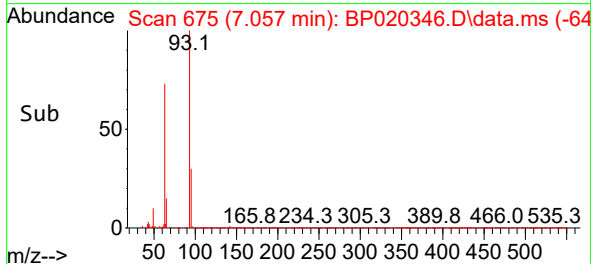
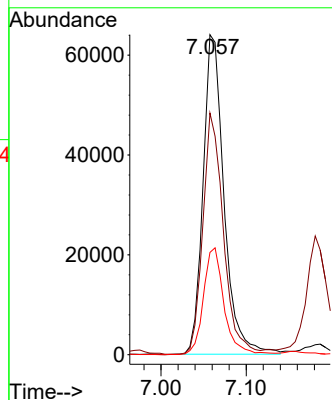
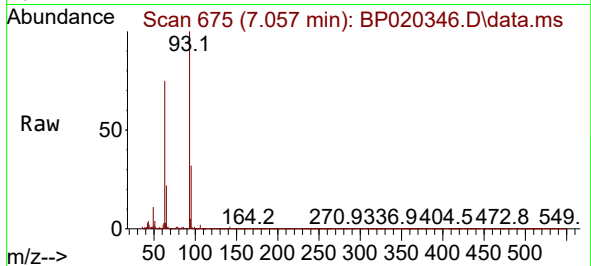
Tgt Ion: 93 Resp: 109553

Ion Ratio Lower Upper

93 100

63 75.5 59.5 89.3

95 31.9 25.3 37.9



#12

2-Chlorophenol

Concen: 19.405 ng/ul

RT: 7.181 min Scan# 696

Delta R.T. -0.000 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

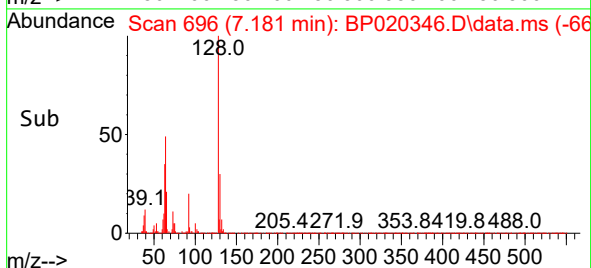
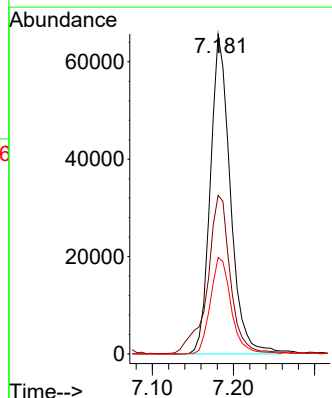
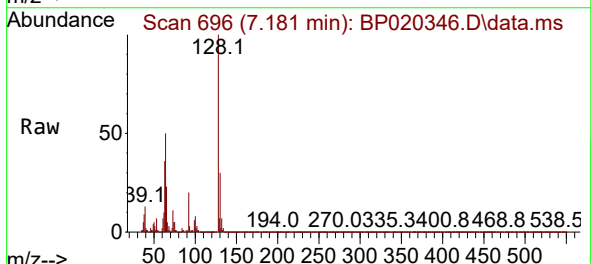
Tgt Ion:128 Resp: 112434

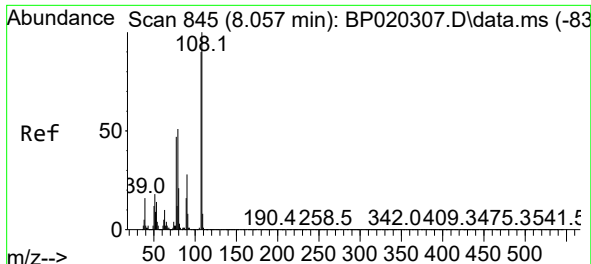
Ion Ratio Lower Upper

128 100

64 49.6 43.8 65.6

130 30.1 26.5 39.7

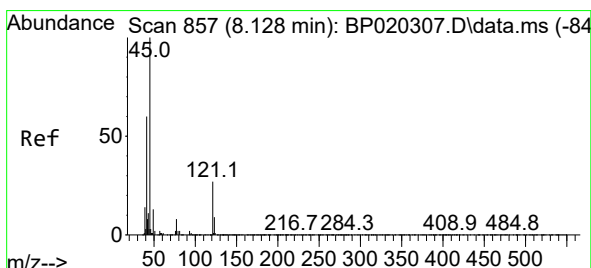
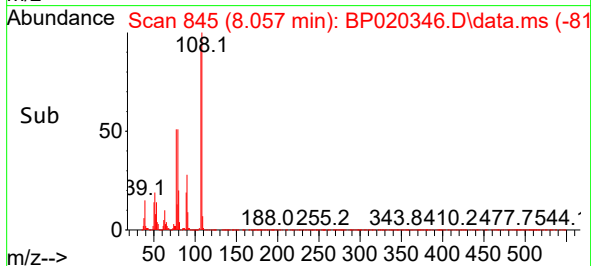
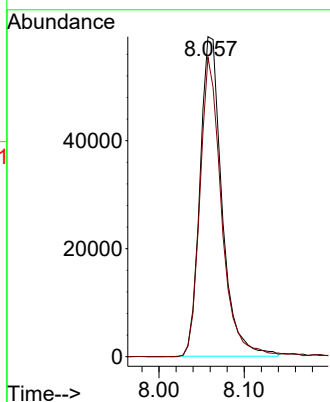
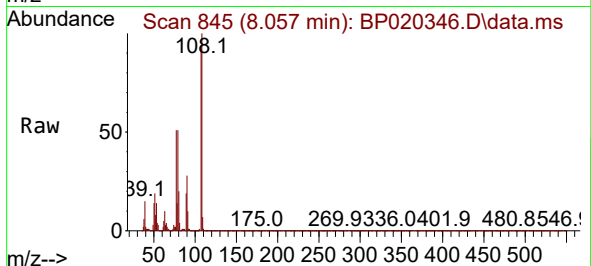




#13
2-Methylphenol
Concen: 17.787 ng/ul
RT: 8.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

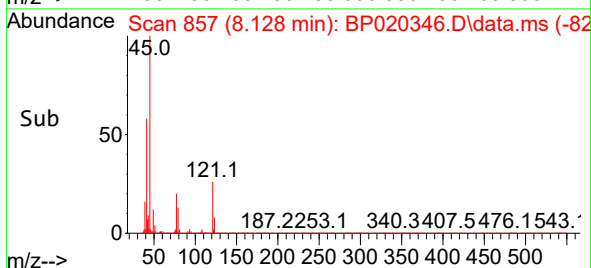
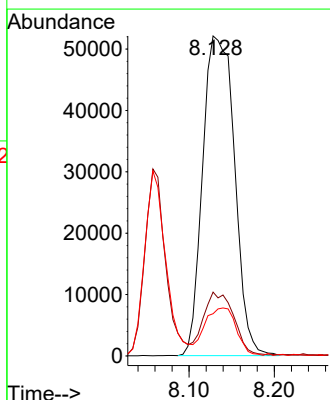
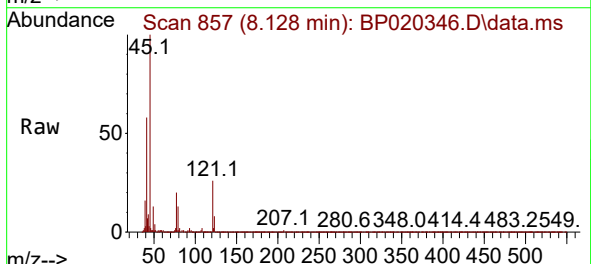
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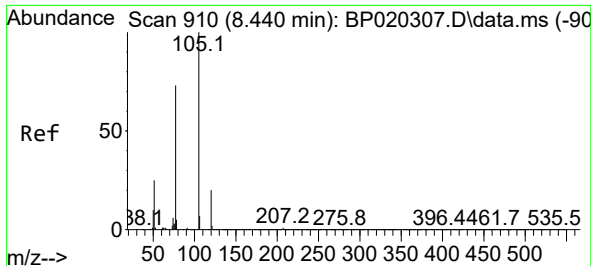
Tgt Ion:108 Resp: 106307
Ion Ratio Lower Upper
108 100
107 93.6 73.0 109.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.301 ng/ul
RT: 8.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion: 45 Resp: 135316
Ion Ratio Lower Upper
45 100
77 20.0 13.8 20.8
79 13.2 10.9 16.3

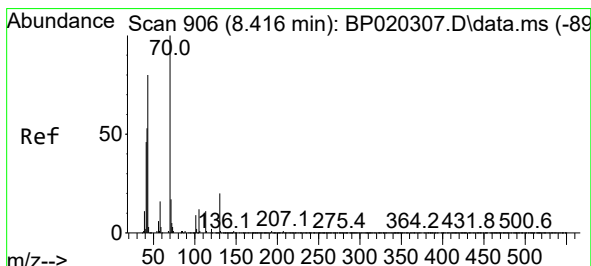
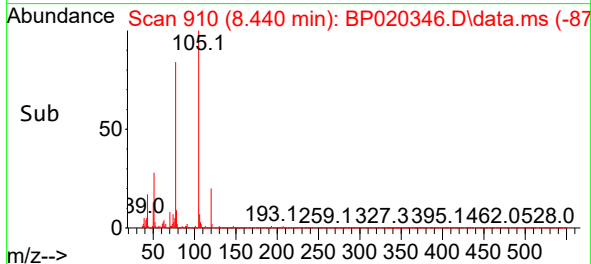
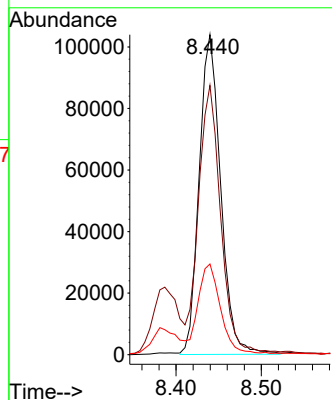
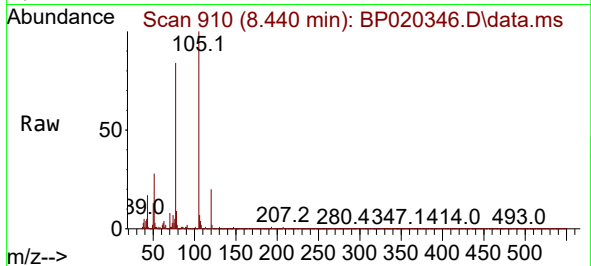




#16
Acetophenone
Concen: 17.489 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

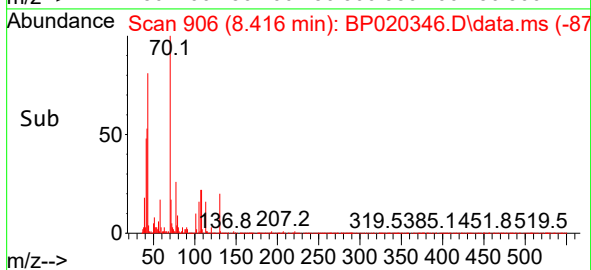
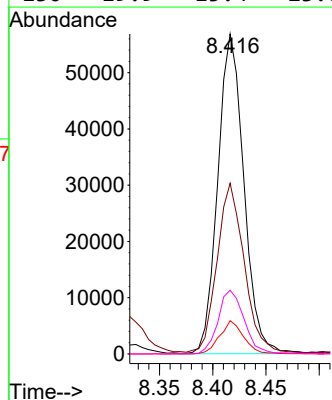
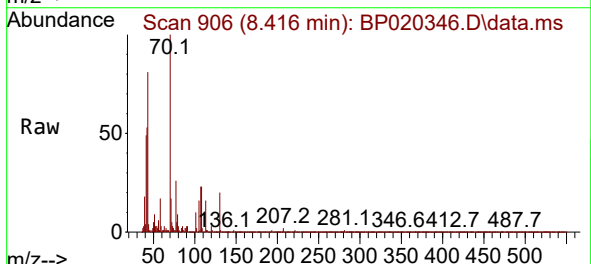
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SSTD020795

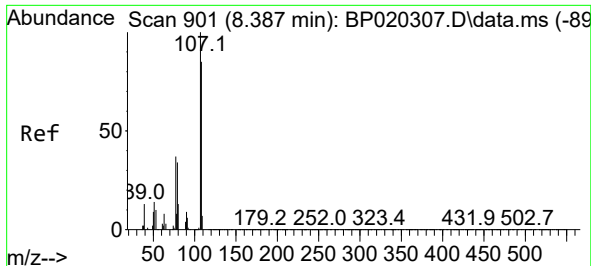
Tgt Ion:105 Resp: 182180
Ion Ratio Lower Upper
105 100
77 84.2 66.4 99.6
51 28.3 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 17.044 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion: 70 Resp: 96343
Ion Ratio Lower Upper
70 100
42 53.4 46.2 69.4
101 10.4 7.8 11.6
130 19.9 15.4 23.0

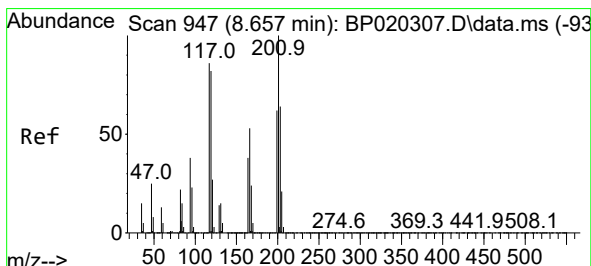
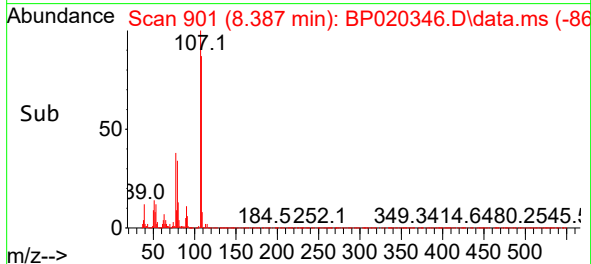
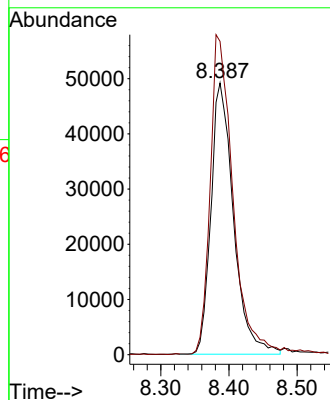
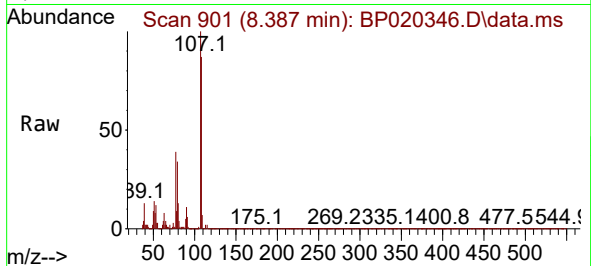




#18
4-Methylphenol
Concen: 17.468 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

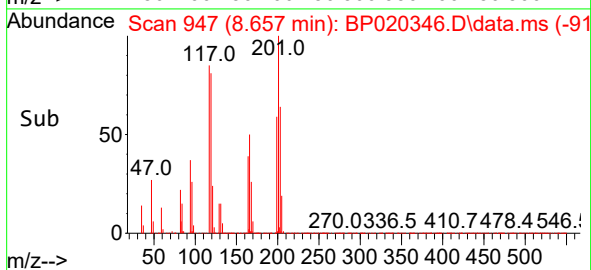
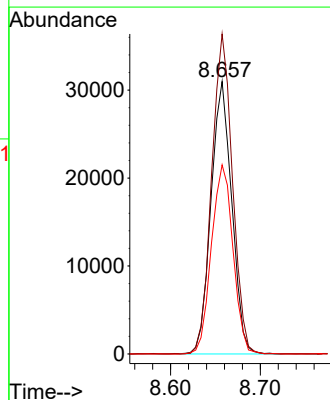
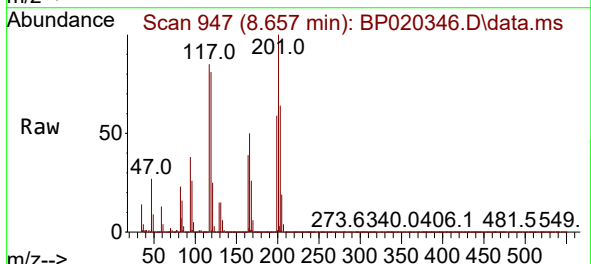
Instrument :
BNA_P
ClientSampleId :
SSTD020795

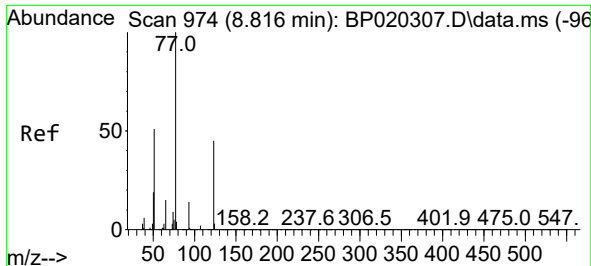
Tgt Ion:108 Resp: 113476
Ion Ratio Lower Upper
108 100
107 115.3 88.2 132.2



#19
Hexachloroethane
Concen: 18.794 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:117 Resp: 49797
Ion Ratio Lower Upper
117 100
201 117.4 84.0 126.0
199 69.4 53.4 80.2

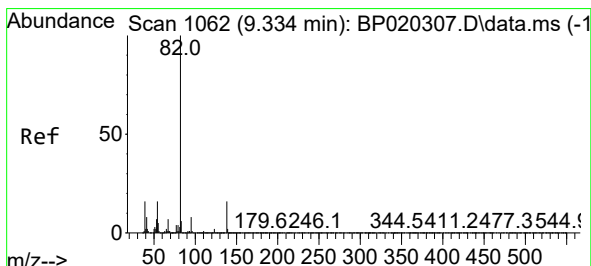
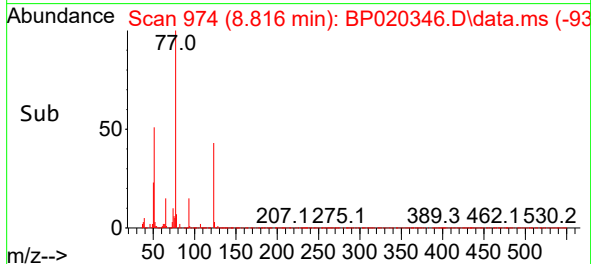
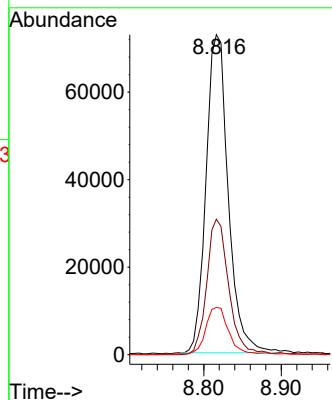
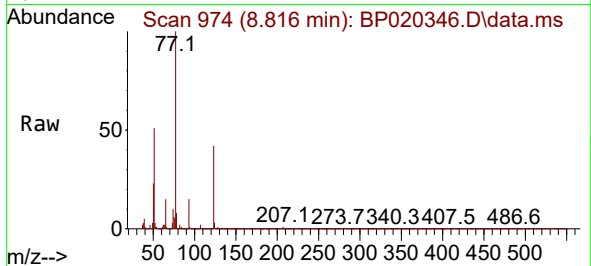




#22
Nitrobenzene
Concen: 18.215 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

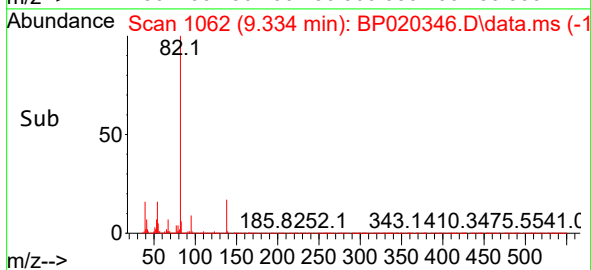
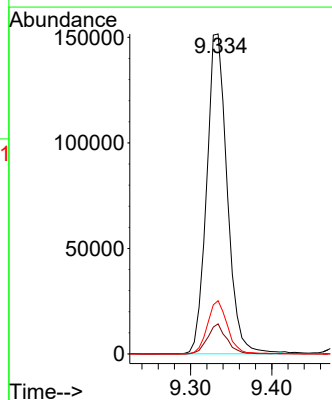
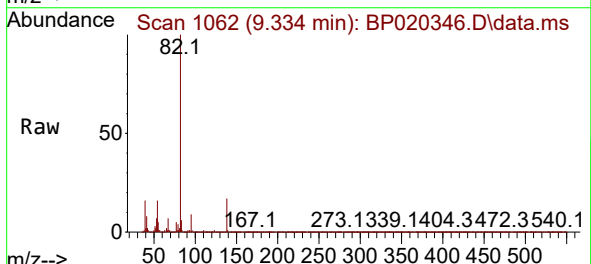
Instrument :
BNA_P
ClientSampleId :
SSTD020795

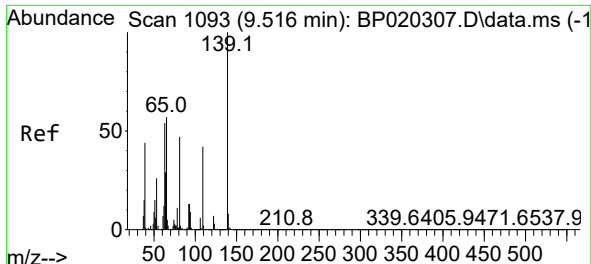
Tgt Ion: 77 Resp: 144709
Ion Ratio Lower Upper
77 100
123 42.4 31.4 47.2
65 14.8 11.4 17.2



#23
Isophorone
Concen: 17.416 ng/ul
RT: 9.334 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion: 82 Resp: 266042
Ion Ratio Lower Upper
82 100
95 9.4 6.6 9.8
138 16.7 12.9 19.3

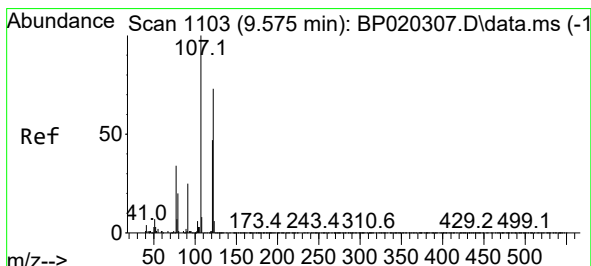
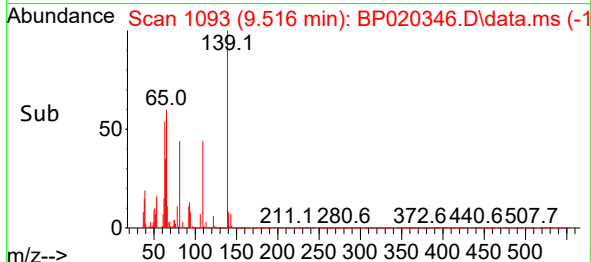
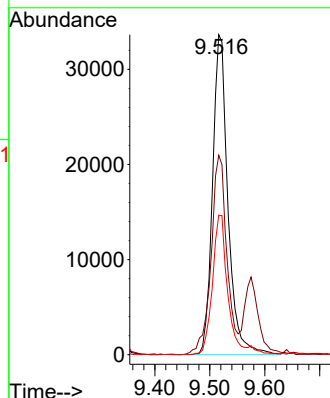
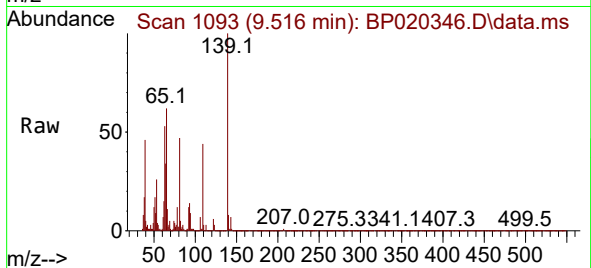




#25
2-Nitrophenol
Concen: 19.935 ng/ul
RT: 9.516 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

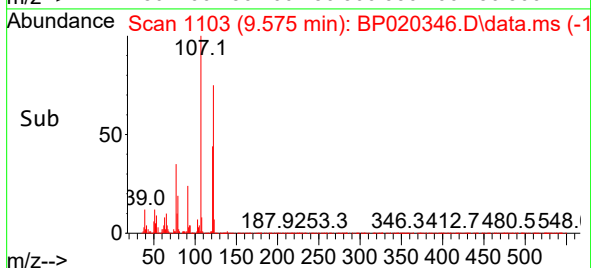
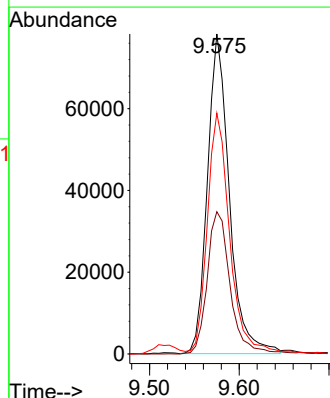
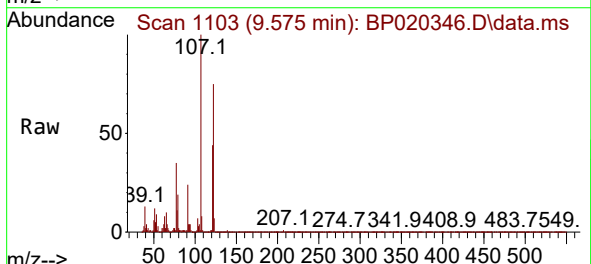
Instrument :
BNA_P
ClientSampleId :
SSTD020795

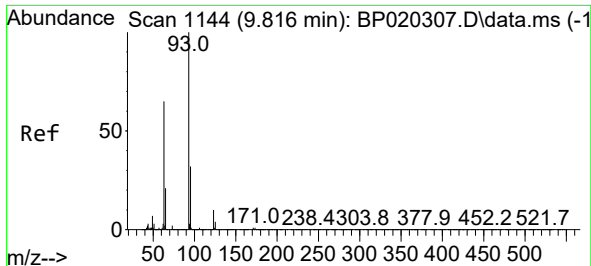
Tgt Ion:139 Resp: 65438
Ion Ratio Lower Upper
139 100
65 62.3 53.8 80.6
109 43.6 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 18.550 ng/ul
RT: 9.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:107 Resp: 132846
Ion Ratio Lower Upper
107 100
121 44.4 36.0 54.0
122 75.2 59.4 89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 17.851 ng/ul

RT: 9.816 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

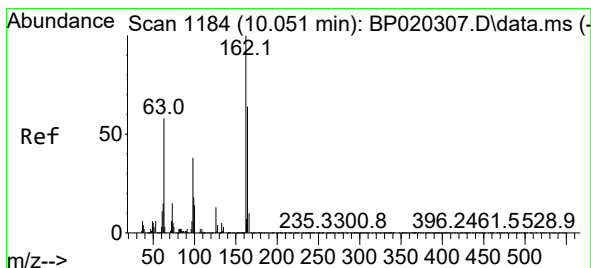
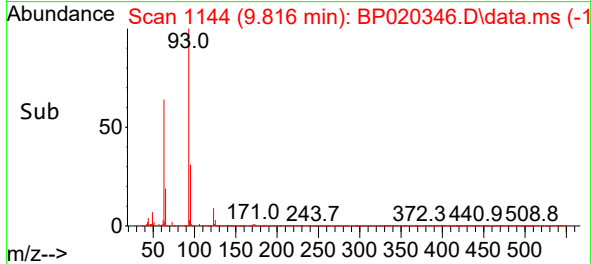
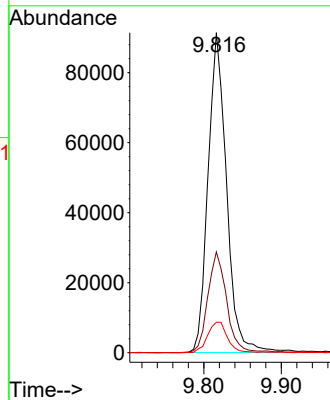
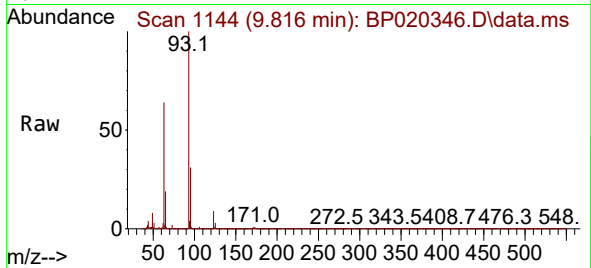
Tgt Ion: 93 Resp: 151174

Ion Ratio Lower Upper

93 100

95 31.5 25.6 38.4

123 9.5 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 19.833 ng/ul

RT: 10.046 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

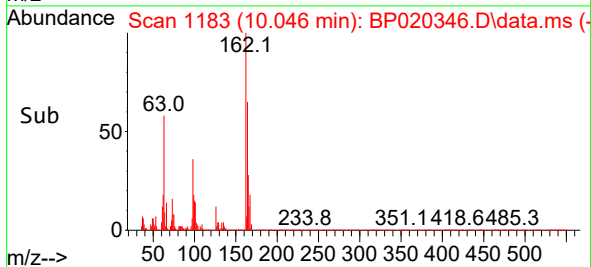
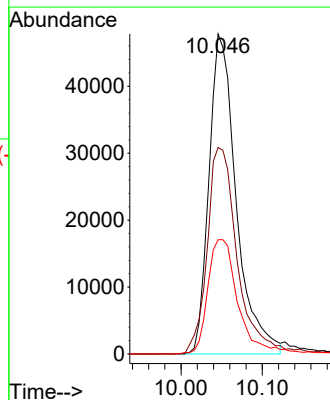
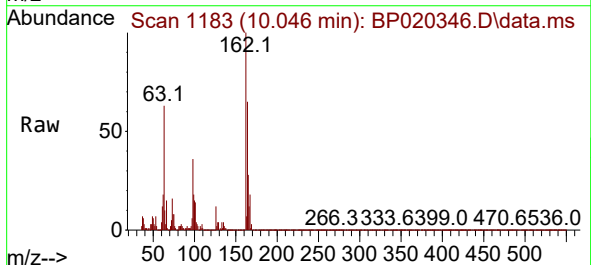
Tgt Ion:162 Resp: 111564

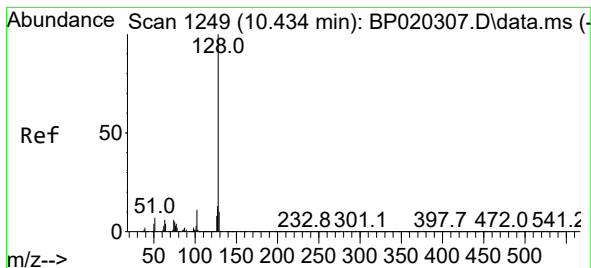
Ion Ratio Lower Upper

162 100

164 64.5 53.1 79.7

98 35.7 31.4 47.2

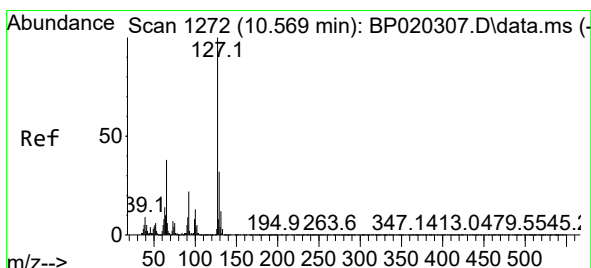
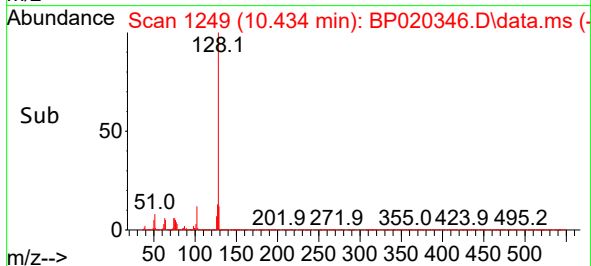
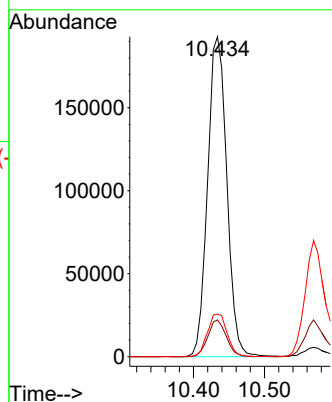
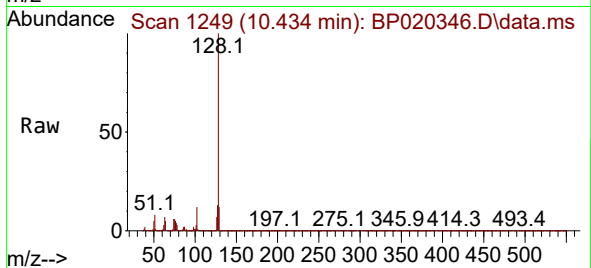




#30
Naphthalene
Concen: 19.026 ng/ul
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

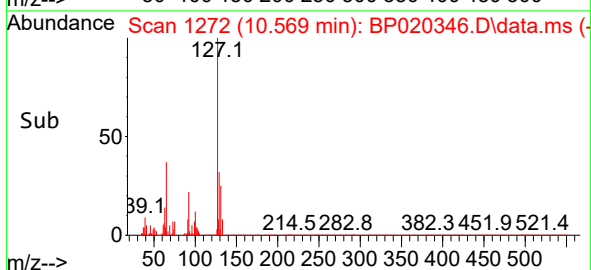
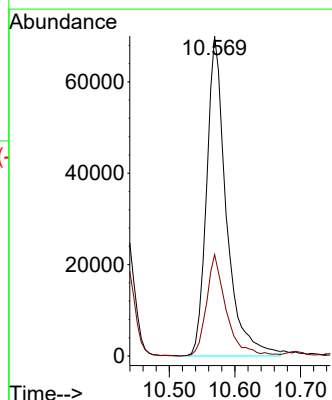
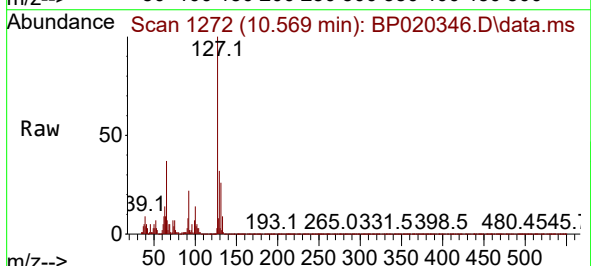
Instrument :
BNA_P
ClientSampleId :
SSTD020795

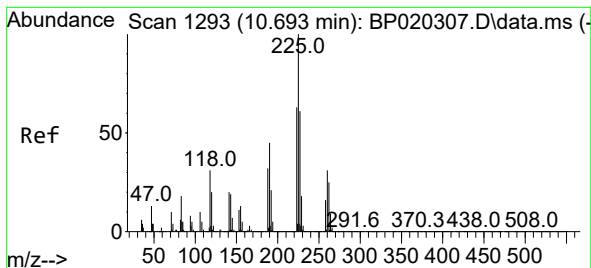
Tgt Ion:128 Resp: 362410
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.6 16.0



#32
4-Chloroaniline
Concen: 18.439 ng/ul
RT: 10.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:127 Resp: 145944
Ion Ratio Lower Upper
127 100
129 31.7 24.8 37.2





#33

Hexachlorobutadiene

Concen: 20.037 ng/ul

RT: 10.693 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

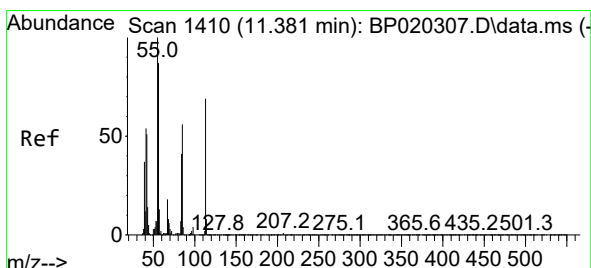
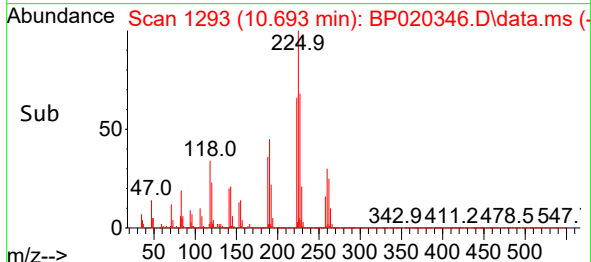
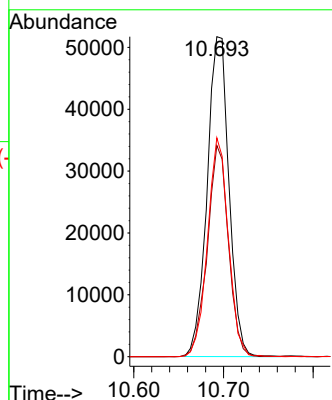
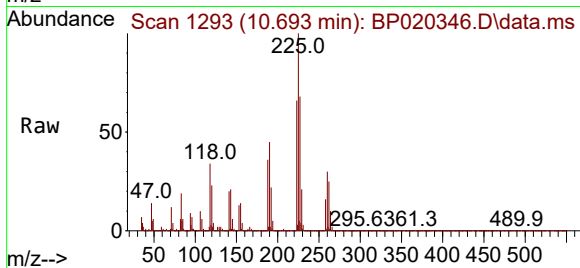
Tgt Ion:225 Resp: 87545

Ion Ratio Lower Upper

225 100

223 66.0 53.2 79.8

227 68.4 51.4 77.0



#34

Caprolactam

Concen: 17.009 ng/ul

RT: 11.381 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

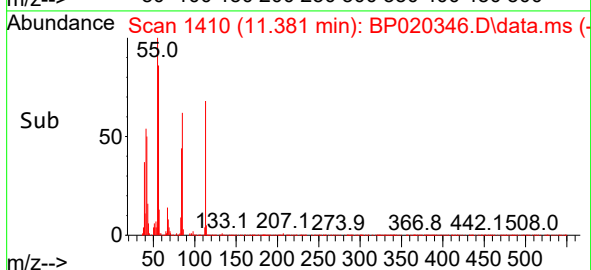
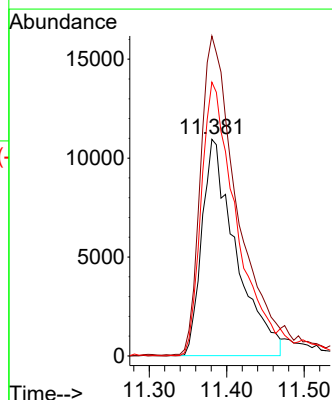
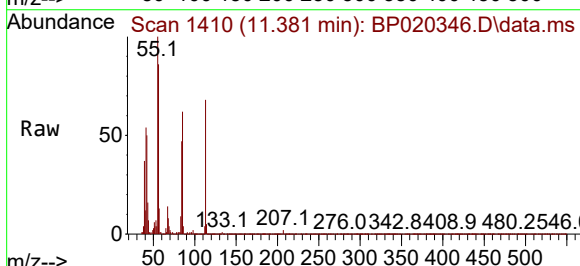
Tgt Ion:113 Resp: 33408

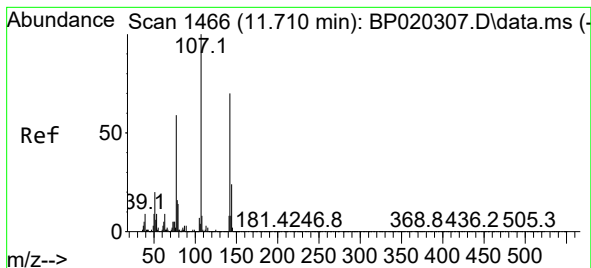
Ion Ratio Lower Upper

113 100

55 147.7 131.0 196.6

56 126.3 105.4 158.2

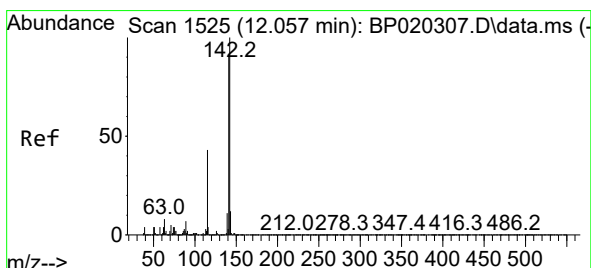
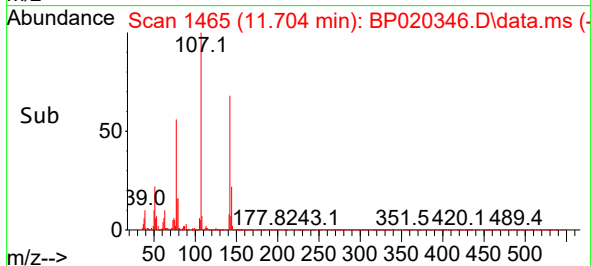
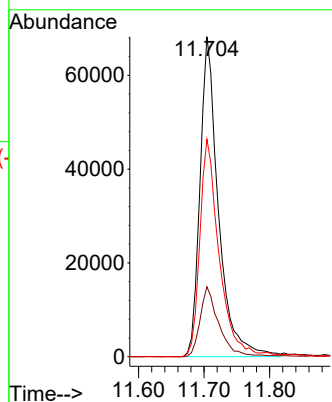
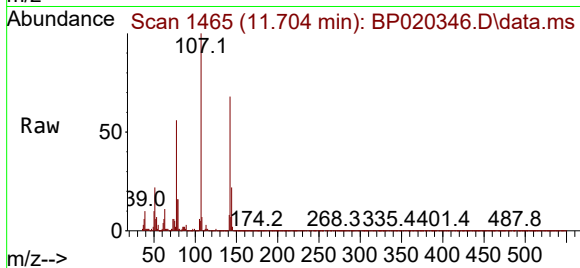




#35
4-Chloro-3-methylphenol
Concen: 19.086 ng/ul
RT: 11.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

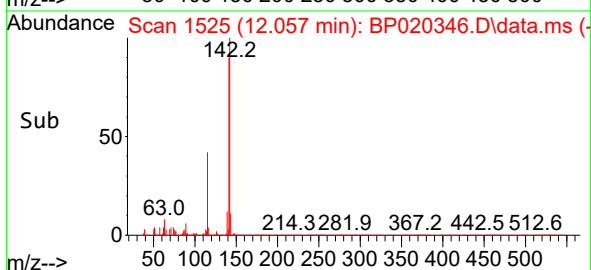
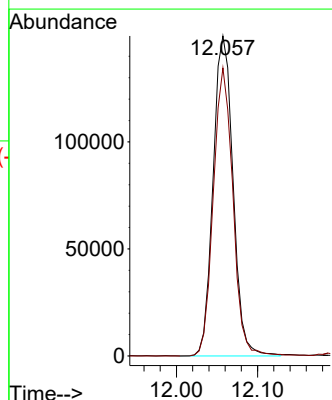
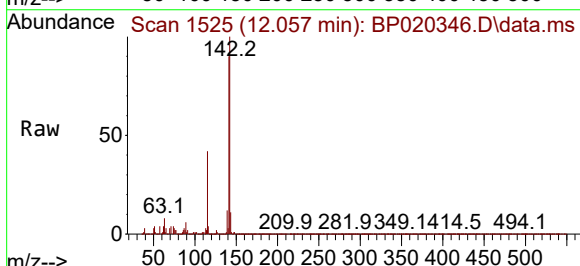
Instrument :
BNA_P
ClientSampleId :
SSTD020795

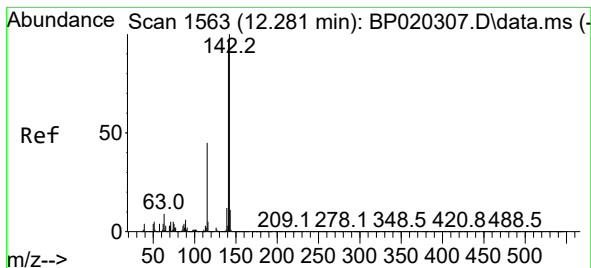
Tgt Ion:107 Resp: 133671
Ion Ratio Lower Upper
107 100
144 21.8 18.3 27.5
142 67.9 56.6 84.8



#36
2-Methylnaphthalene
Concen: 19.249 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:142 Resp: 255124
Ion Ratio Lower Upper
142 100
141 90.0 74.6 111.8





#37

1-Methylnaphthalene

Concen: 18.899 ng/ul

RT: 12.281 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

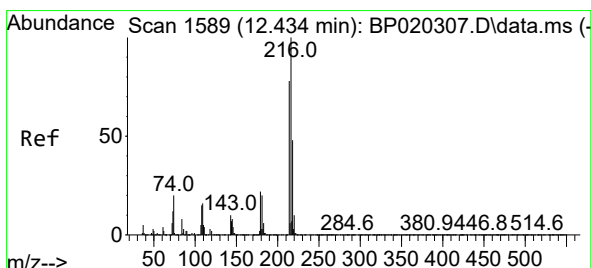
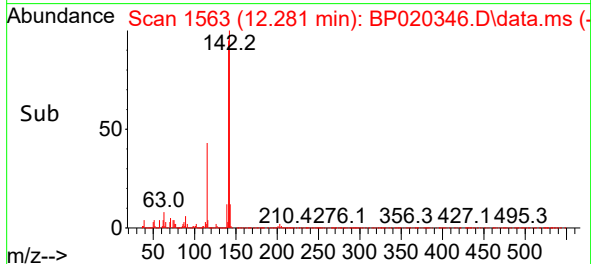
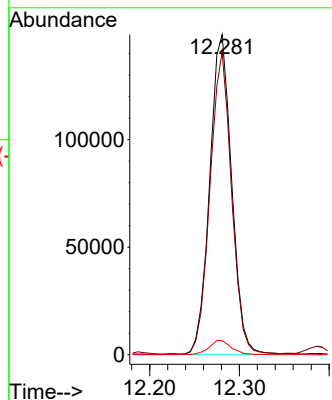
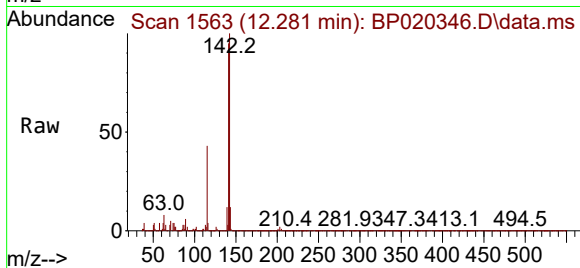
Tgt Ion:142 Resp: 252060

Ion Ratio Lower Upper

142 100

141 94.6 75.5 113.3

116 4.4 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.375 ng/ul

RT: 12.428 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Tgt Ion:216 Resp: 159994

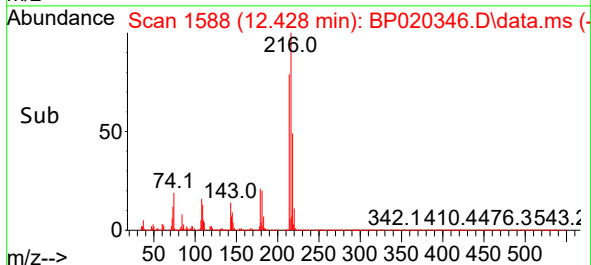
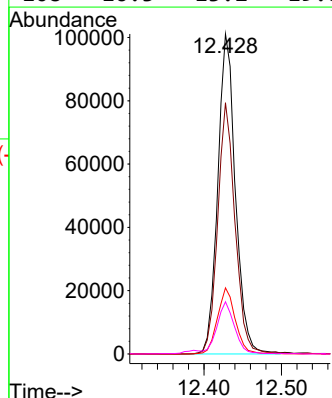
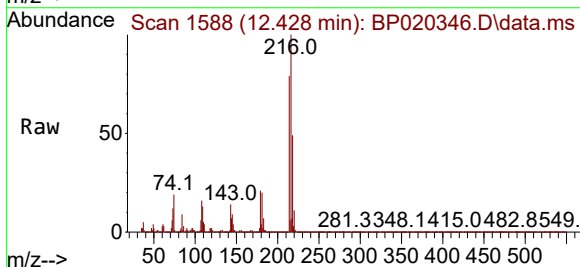
Ion Ratio Lower Upper

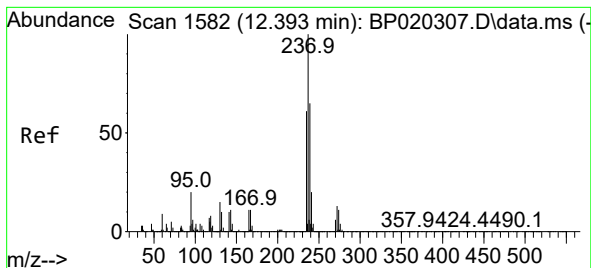
216 100

214 78.5 61.3 91.9

179 20.7 16.9 25.3

108 16.3 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 11.436 ng/ul

RT: 12.387 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

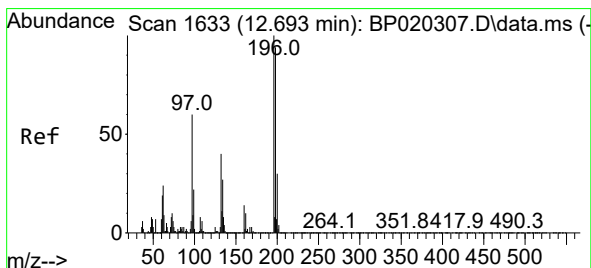
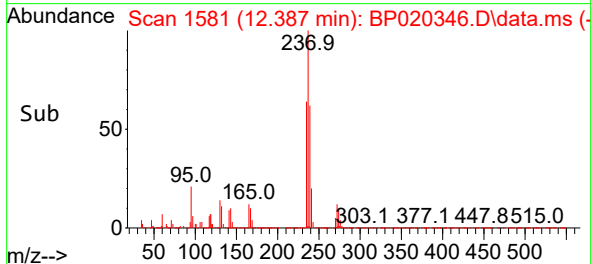
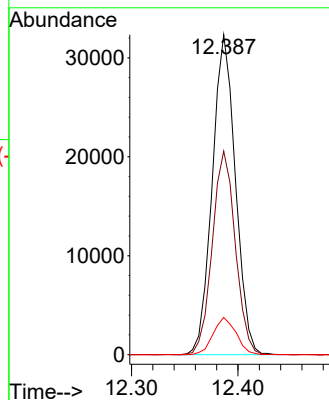
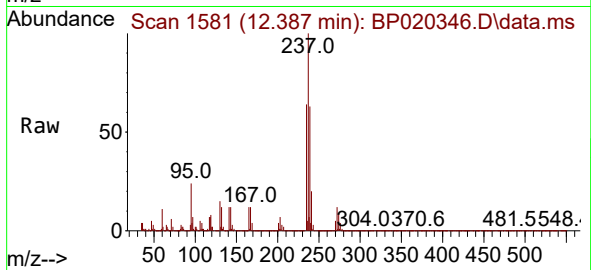
Tgt Ion:237 Resp: 48838

Ion Ratio Lower Upper

237 100

235 63.6 52.4 78.6

272 11.7 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 19.991 ng/ul

RT: 12.692 min Scan# 1633

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

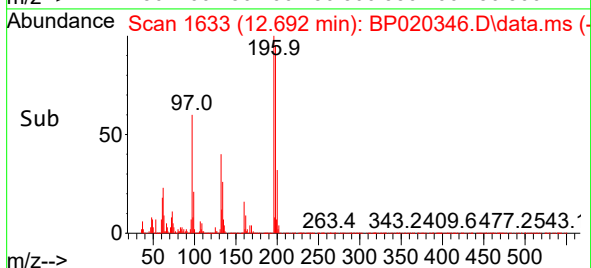
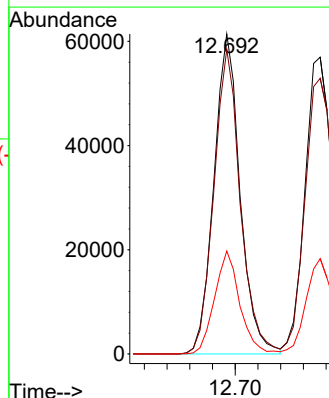
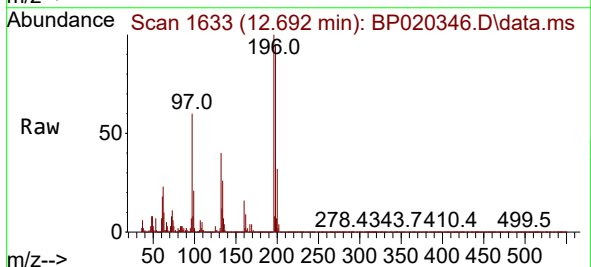
Tgt Ion:196 Resp: 98440

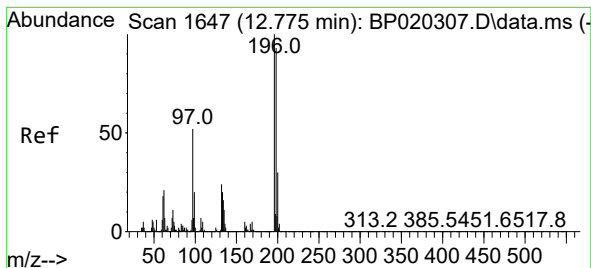
Ion Ratio Lower Upper

196 100

198 95.2 75.8 113.8

200 32.1 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 19.862 ng/ul

RT: 12.775 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

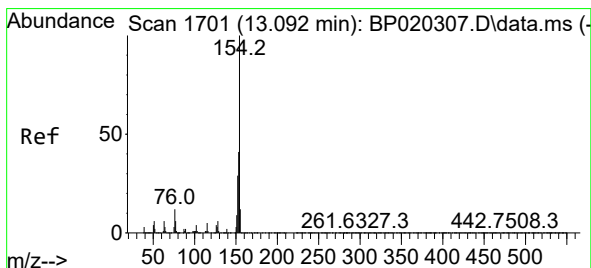
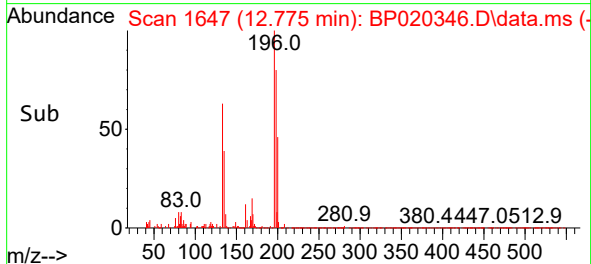
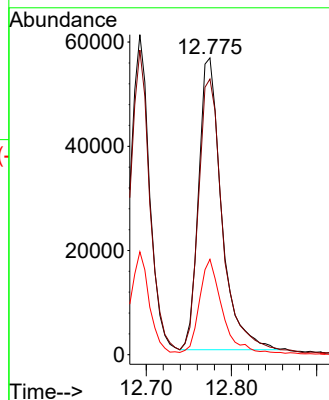
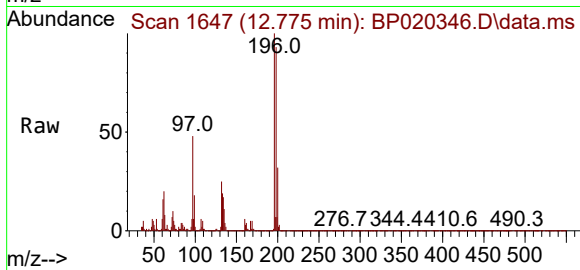
Tgt Ion:196 Resp: 105243

Ion Ratio Lower Upper

196 100

198 92.9 73.5 110.3

200 32.1 24.4 36.6



#43

1,1'-Biphenyl

Concen: 19.048 ng/ul

RT: 13.092 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

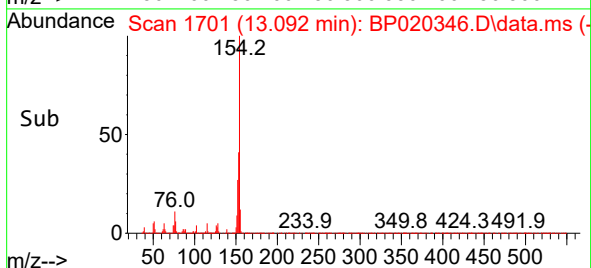
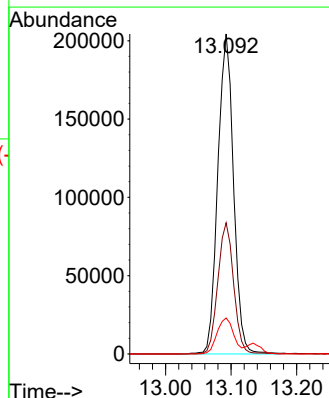
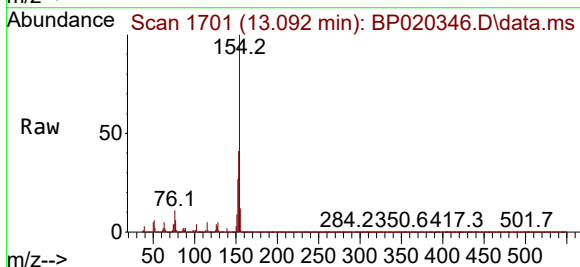
Tgt Ion:154 Resp: 339212

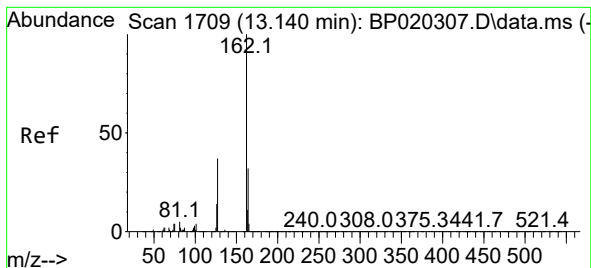
Ion Ratio Lower Upper

154 100

153 41.0 33.1 49.7

76 11.2 9.7 14.5

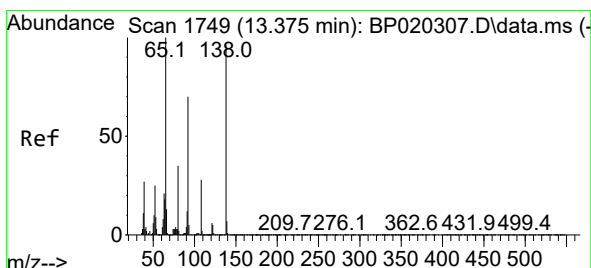
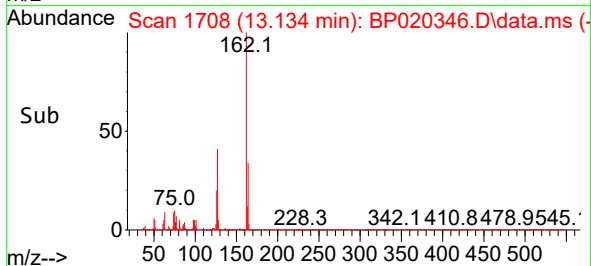
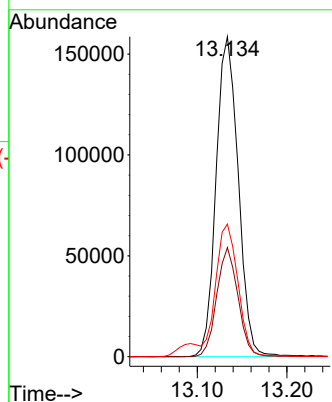
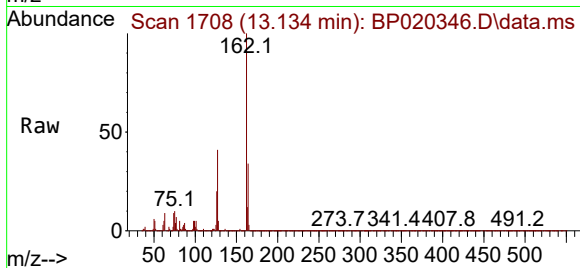




#44
2-Chloronaphthalene
Concen: 19.230 ng/ul
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

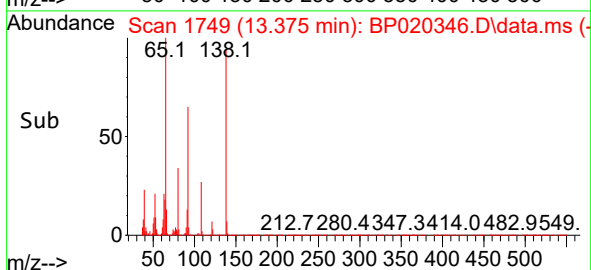
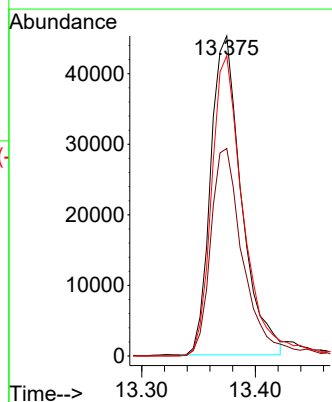
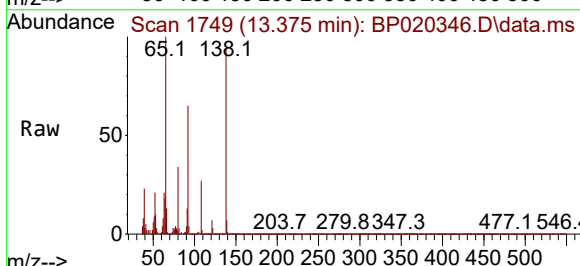
Instrument :
BNA_P
ClientSampleId :
SSTD020795

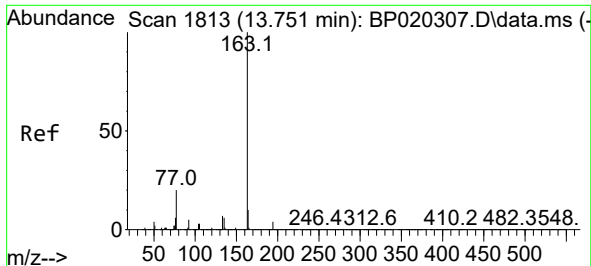
Tgt Ion:162 Resp: 271744
Ion Ratio Lower Upper
162 100
164 34.1 26.1 39.1
127 41.5 33.6 50.4



#45
2-Nitroaniline
Concen: 18.210 ng/ul
RT: 13.375 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion: 65 Resp: 85354
Ion Ratio Lower Upper
65 100
92 64.8 55.6 83.4
138 93.8 73.1 109.7

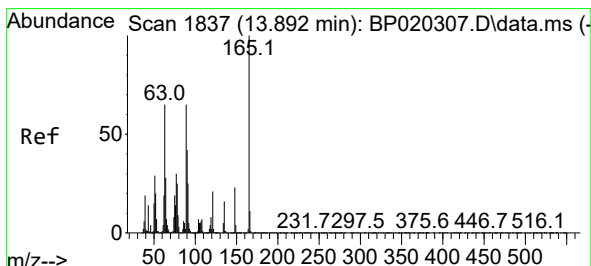
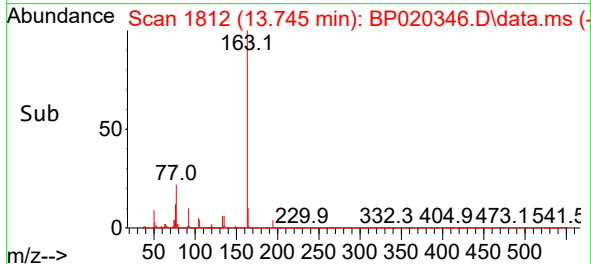
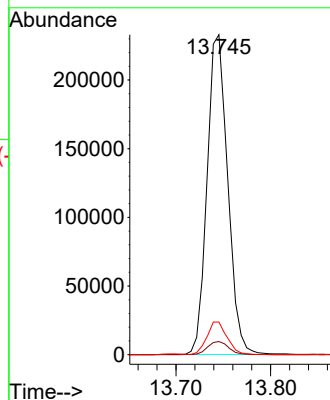
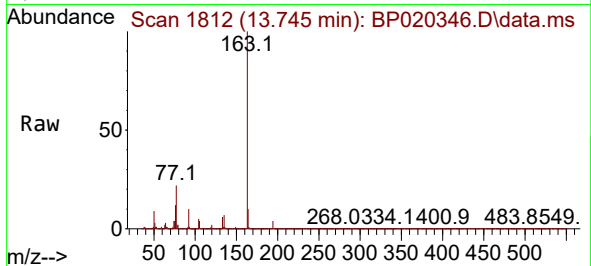




#47
Dimethylphthalate
Concen: 19.017 ng/ul
RT: 13.745 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

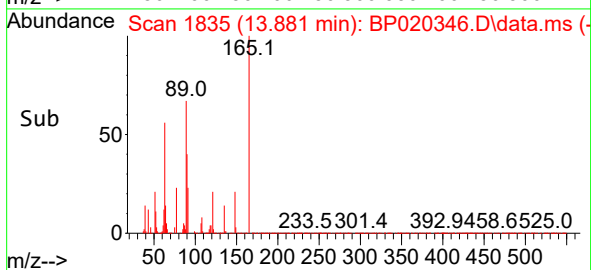
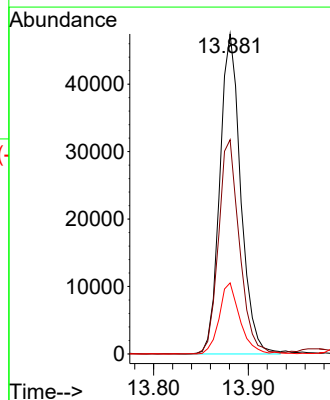
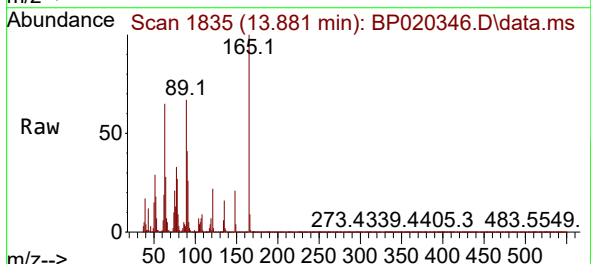
Instrument :
BNA_P
ClientSampleId :
SSTD020795

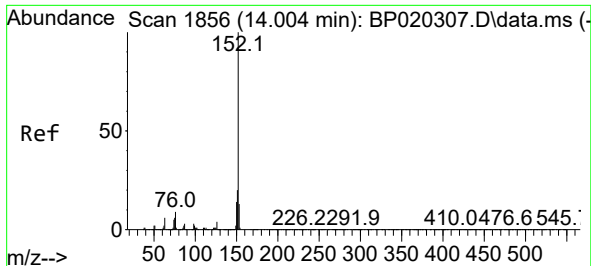
Tgt Ion:163 Resp: 353183
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 19.737 ng/ul
RT: 13.881 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:165 Resp: 72871
Ion Ratio Lower Upper
165 100
89 66.9 51.0 76.6
121 22.2 18.5 27.7

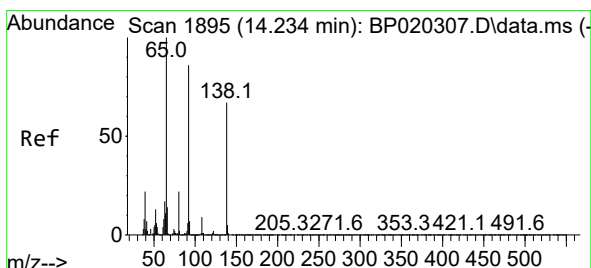
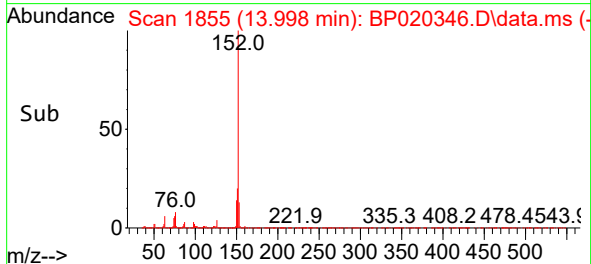
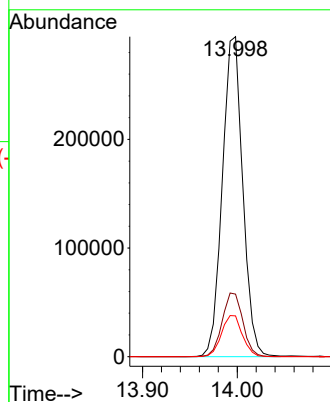
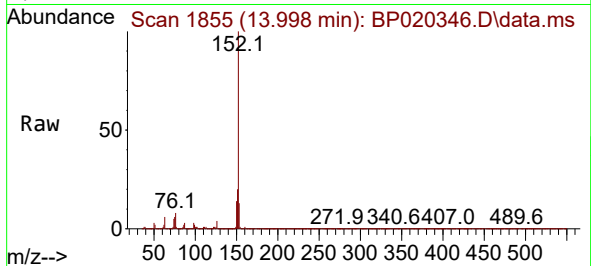




#50
Acenaphthylene
Concen: 19.342 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

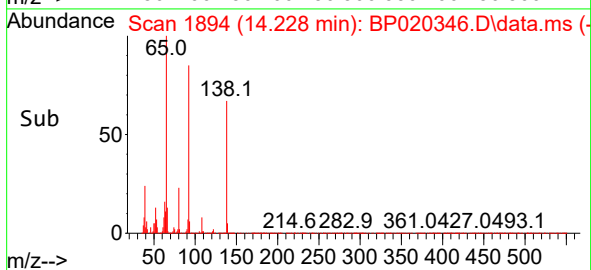
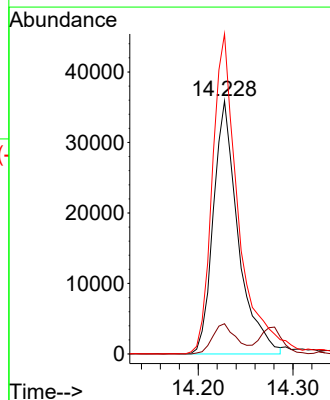
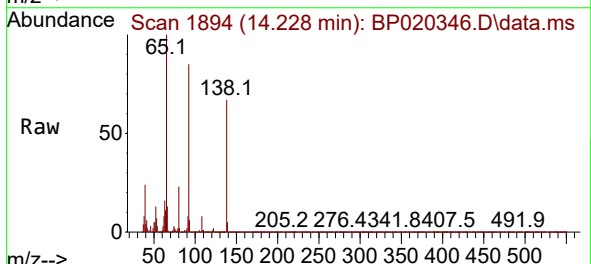
Instrument :
BNA_P
ClientSampleId :
SSTD020795

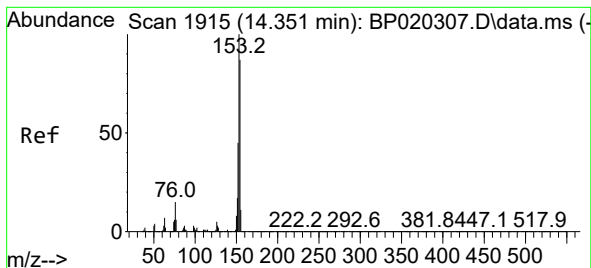
Tgt Ion:152 Resp: 441862
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7
153 12.7 10.3 15.5



#51
3-Nitroaniline
Concen: 18.975 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:138 Resp: 65340
Ion Ratio Lower Upper
138 100
108 12.0 10.8 16.2
92 126.5 103.3 154.9





#52

Acenaphthene

Concen: 18.902 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

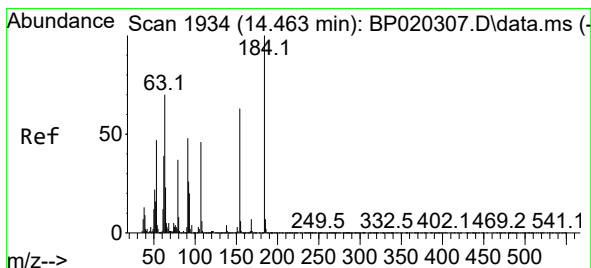
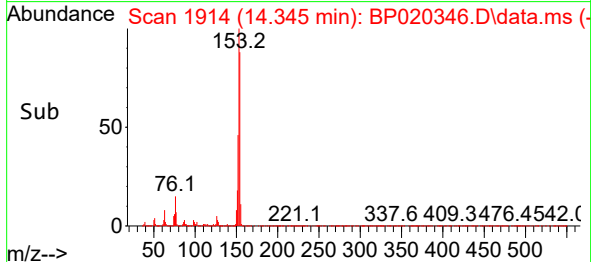
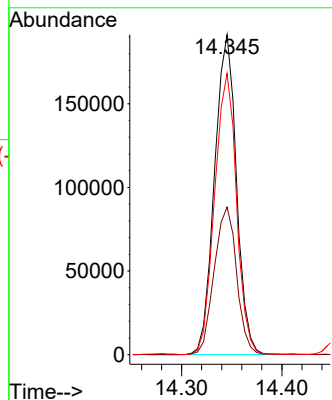
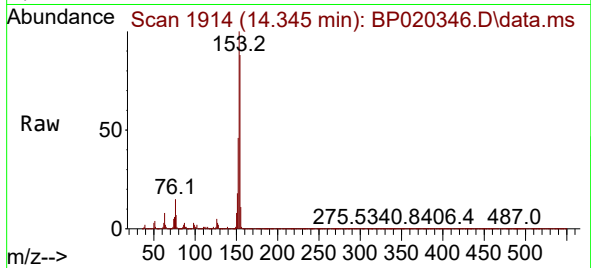
Tgt Ion:153 Resp: 290185

Ion Ratio Lower Upper

153 100

152 46.2 37.4 56.2

154 87.9 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 13.963 ng/ul

RT: 14.457 min Scan# 1933

Delta R.T. -0.018 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

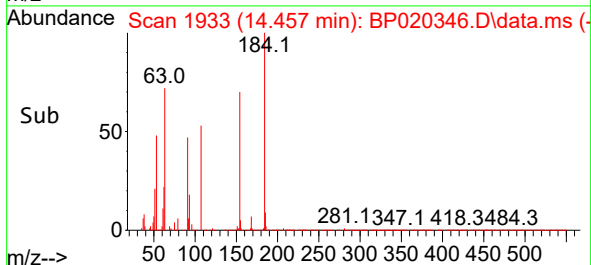
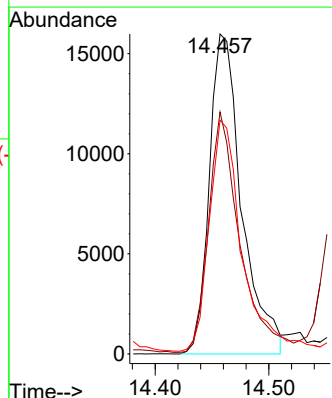
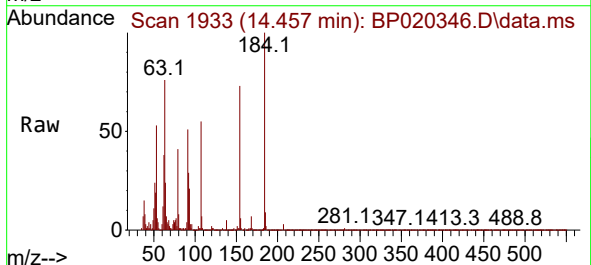
Tgt Ion:184 Resp: 31643

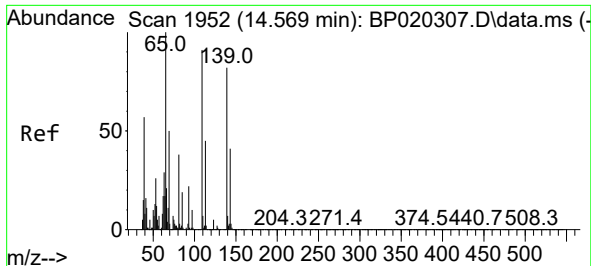
Ion Ratio Lower Upper

184 100

63 75.6 65.6 98.4

154 73.1 53.8 80.8

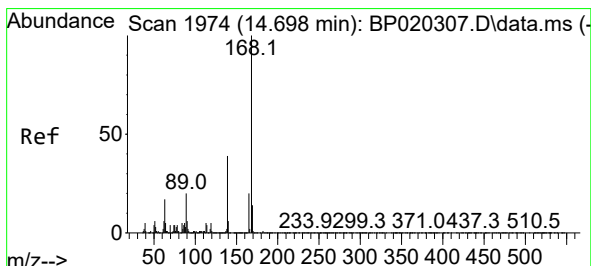
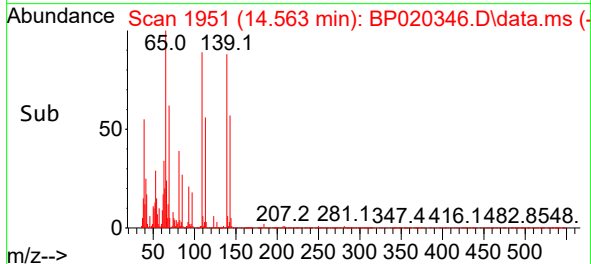
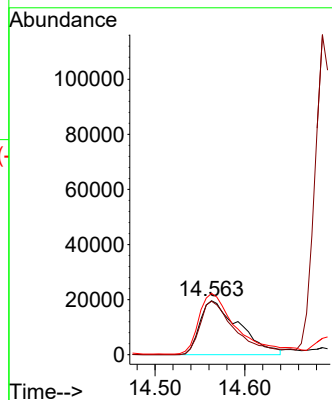
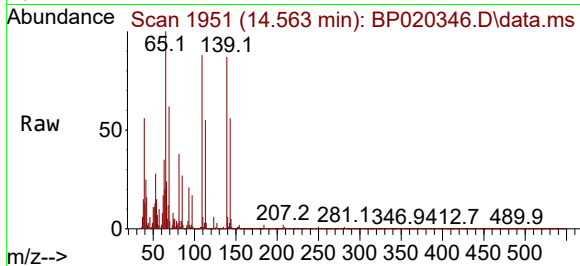




#55
4-Nitrophenol
Concen: 20.089 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. -0.024 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

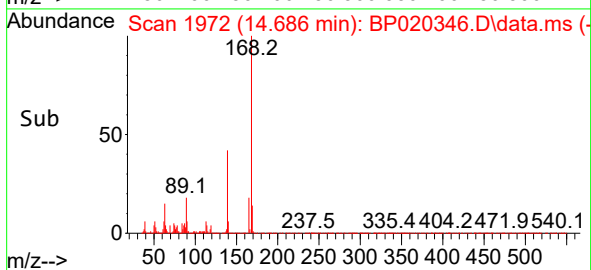
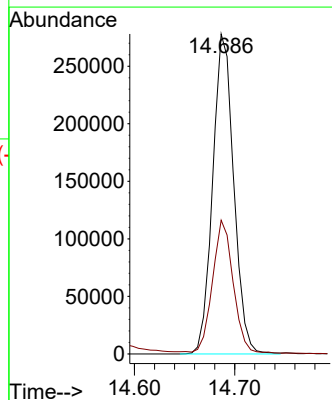
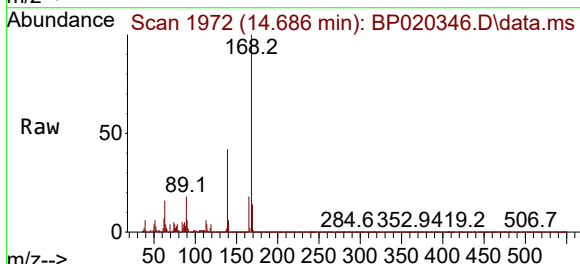
Instrument :
BNA_P
ClientSampleId :
SSTD020795

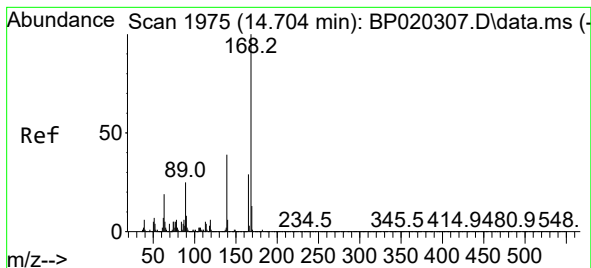
Tgt Ion:109 Resp: 59105
Ion Ratio Lower Upper
109 100
139 99.1 78.4 117.6
65 113.6 101.8 152.6



#56
Dibenzofuran
Concen: 19.164 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.018 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:168 Resp: 404634
Ion Ratio Lower Upper
168 100
139 41.8 32.7 49.1





#57

2,4-Dinitrotoluene

Concen: 20.396 ng/ul

RT: 14.692 min Scan# 1975

Delta R.T. -0.018 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

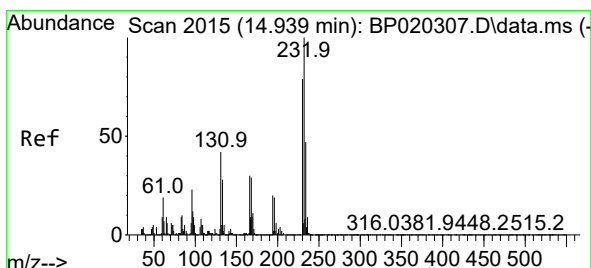
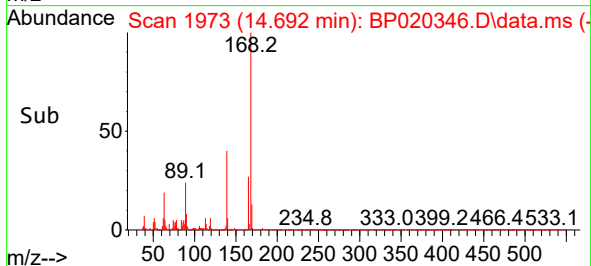
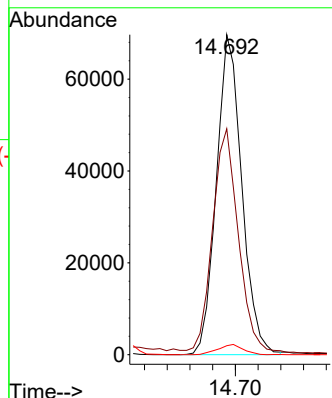
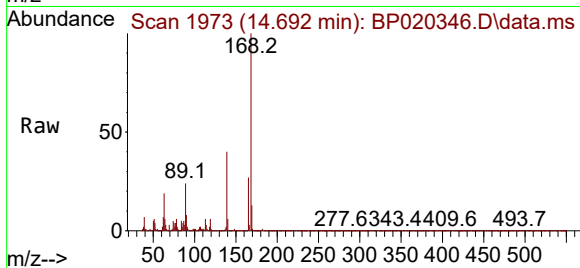
Tgt Ion:165 Resp: 108267

Ion Ratio Lower Upper

165 100

63 70.6 59.7 89.5

182 2.8 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.437 ng/ul

RT: 14.928 min Scan# 2013

Delta R.T. -0.018 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Tgt Ion:232 Resp: 97243

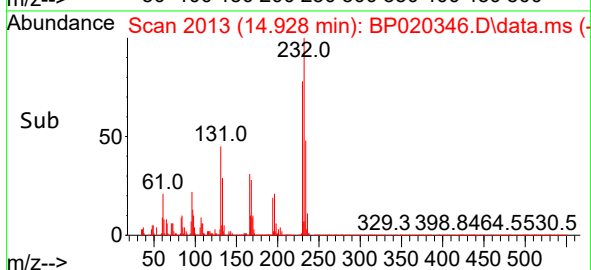
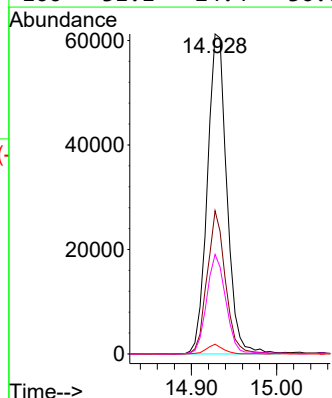
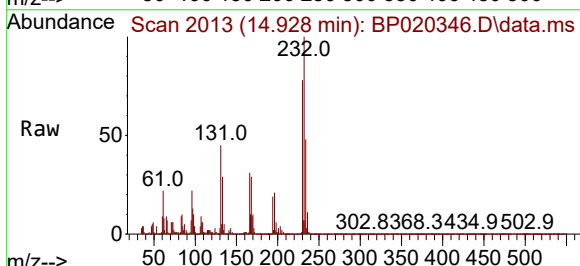
Ion Ratio Lower Upper

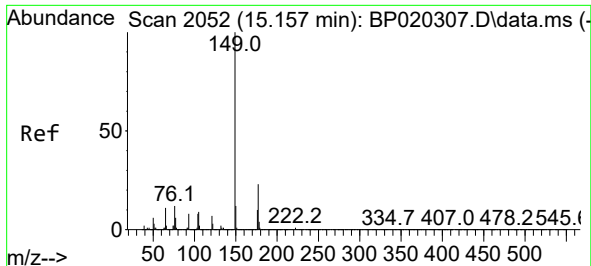
232 100

131 44.8 36.7 55.1

130 3.1 1.9 2.9#

166 31.1 24.4 36.6

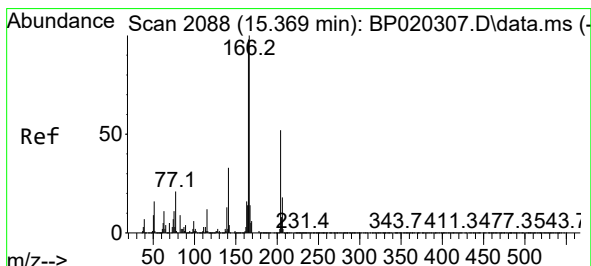
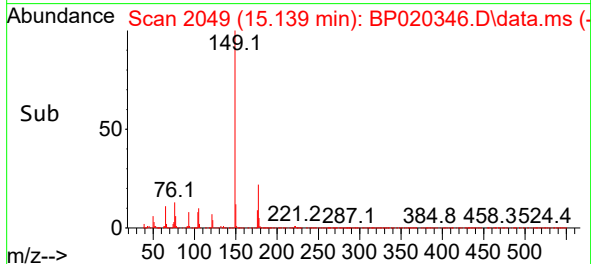
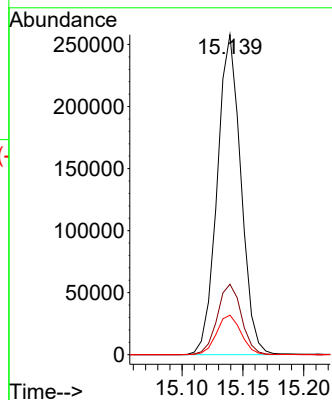
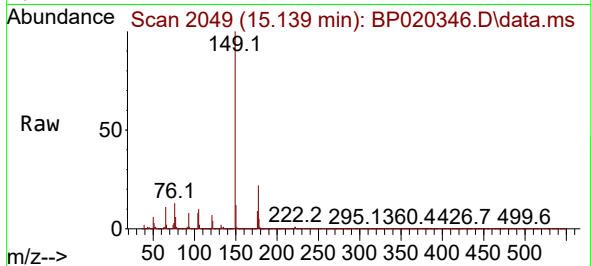




#59
Diethylphthalate
Concen: 18.863 ng/ul
RT: 15.139 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

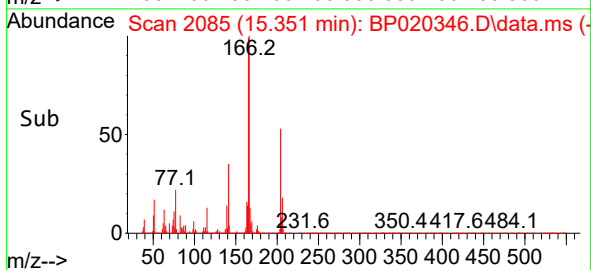
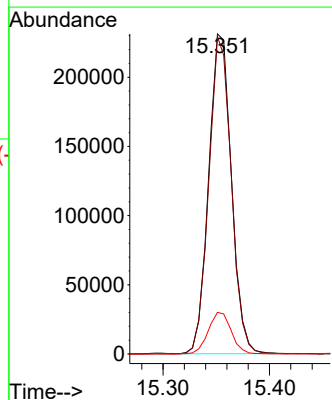
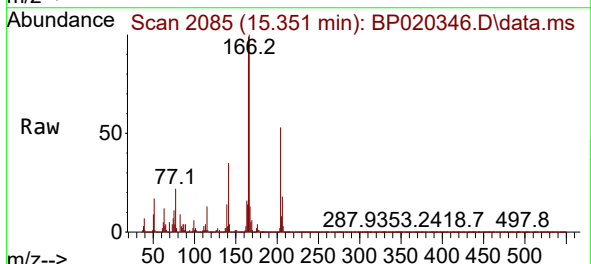
Instrument :
BNA_P
ClientSampleId :
SSTD020795

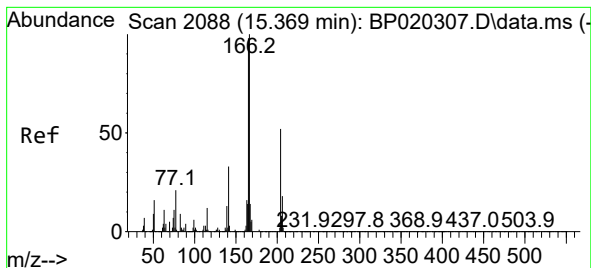
Tgt Ion:149 Resp: 349692
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.3 10.2 15.2



#61
Fluorene
Concen: 19.634 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. -0.024 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:166 Resp: 344465
Ion Ratio Lower Upper
166 100
165 99.2 76.2 114.2
167 13.0 10.3 15.5

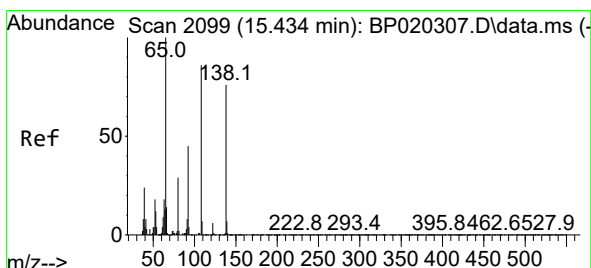
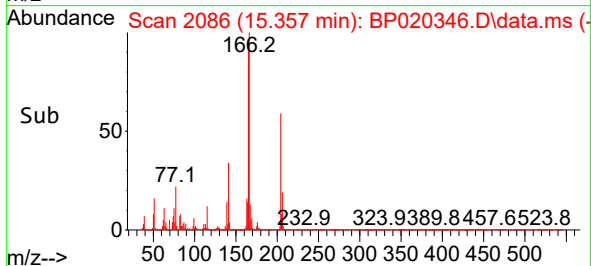
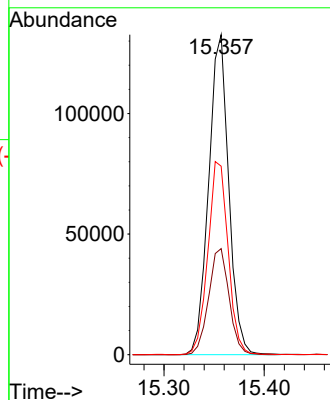
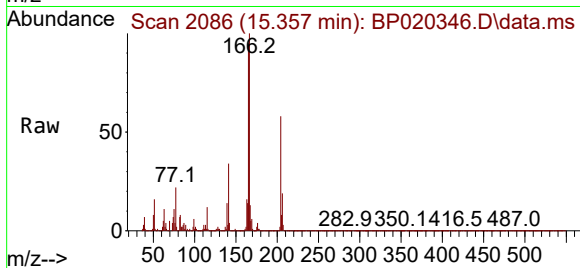




#62
4-Chlorophenyl-phenylether
Concen: 19.843 ng/ul
RT: 15.357 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

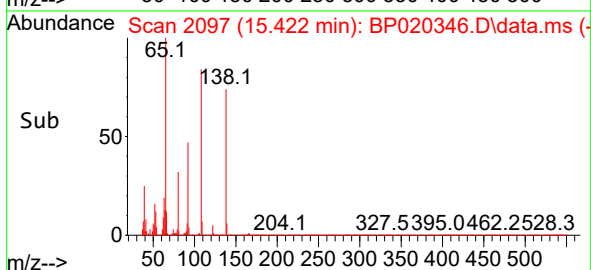
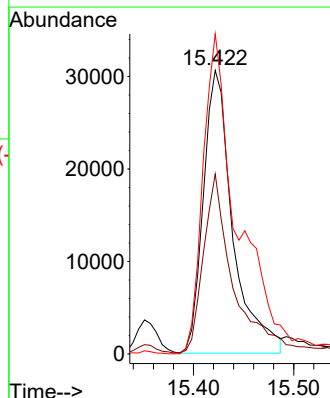
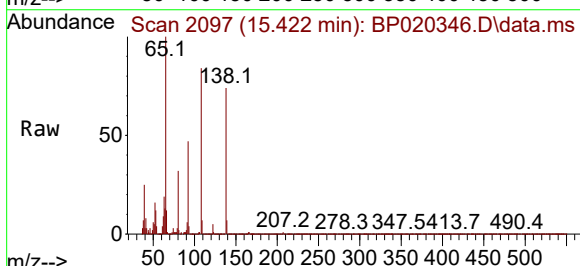
Instrument :
BNA_P
ClientSampleId :
SSTD020795

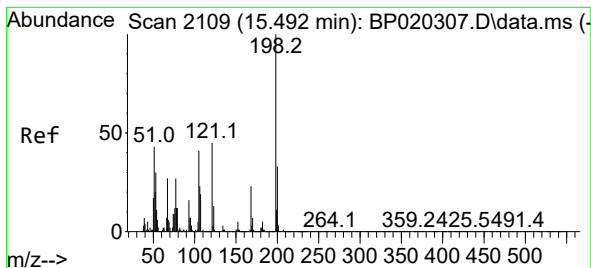
Tgt Ion:204 Resp: 184685
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 58.9 53.0 79.6



#63
4-Nitroaniline
Concen: 21.728 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.018 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:138 Resp: 62354
Ion Ratio Lower Upper
138 100
92 63.5 47.6 71.4
108 112.9 90.5 135.7

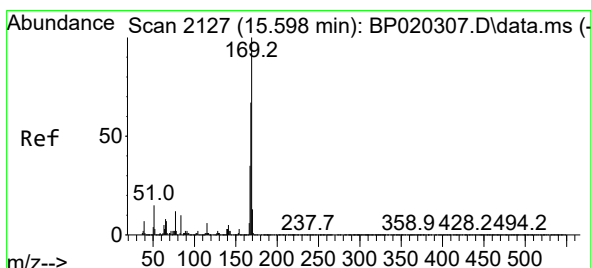
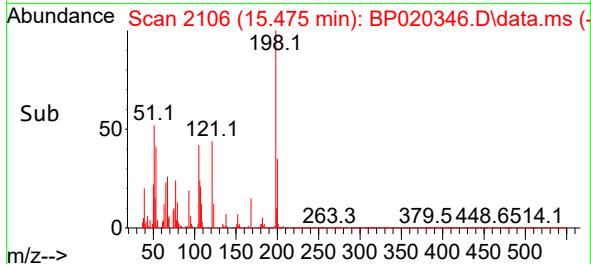
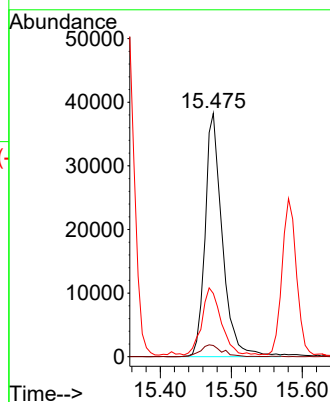
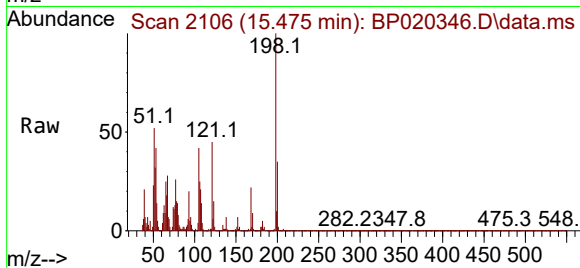




#66
4,6-Dinitro-2-methylphenol
Concen: 17.589 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.018 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

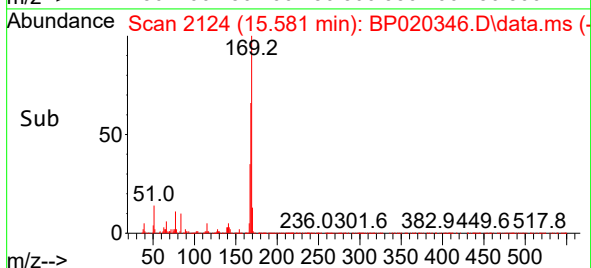
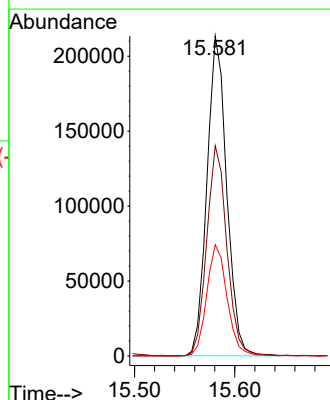
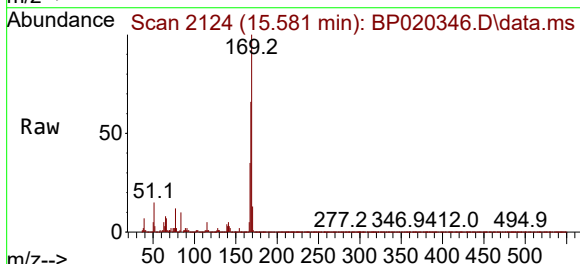
Instrument :
BNA_P
ClientSampleId :
SSTD020795

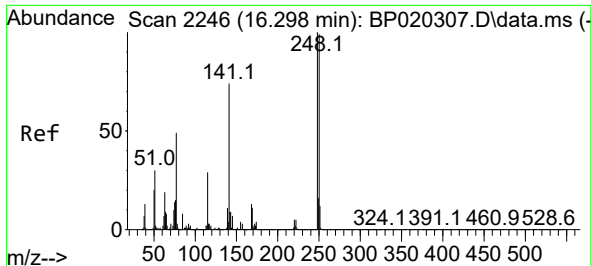
Tgt Ion:198 Resp: 64482
Ion Ratio Lower Upper
198 100
182 4.6 3.3 4.9
77 26.0 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 19.002 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.024 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:169 Resp: 293133
Ion Ratio Lower Upper
169 100
168 65.7 54.2 81.2
167 34.8 29.0 43.6

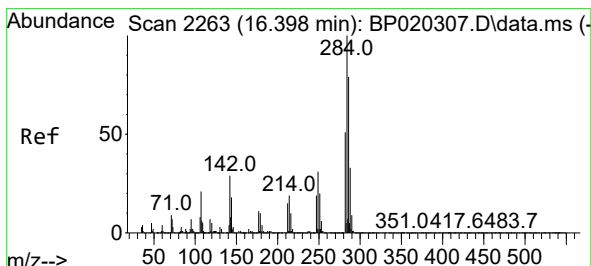
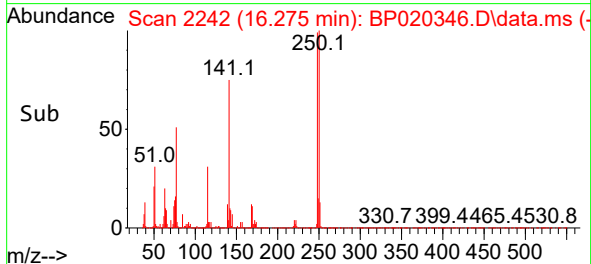
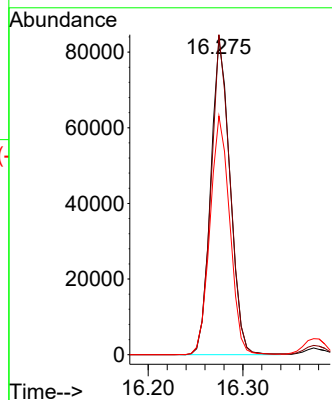
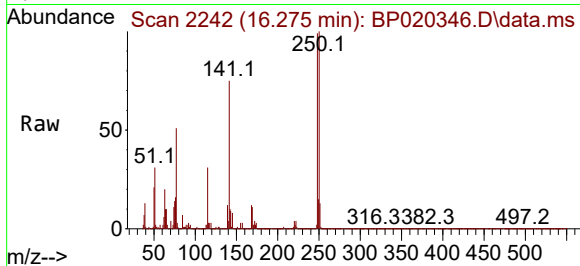




#68
4-Bromophenyl-phenylether
Concen: 19.675 ng/ul
RT: 16.275 min Scan# 211
Delta R.T. -0.024 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

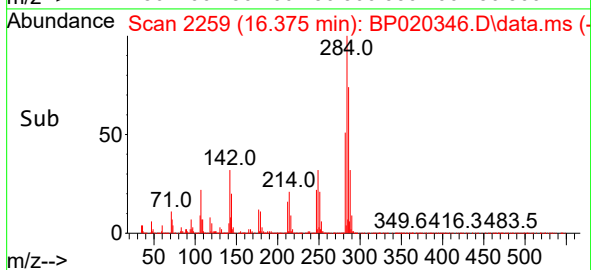
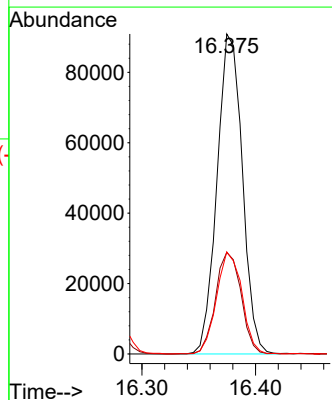
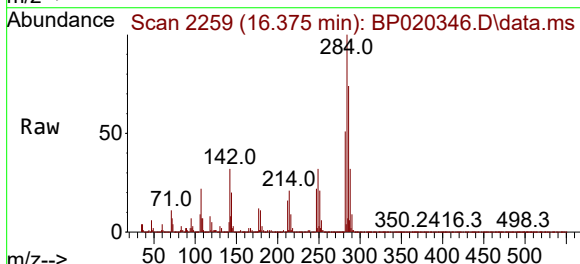
Instrument :
BNA_P
ClientSampleId :
SSTD020795

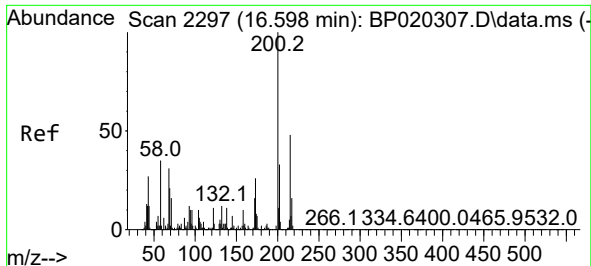
Tgt Ion:248 Resp: 118077
Ion Ratio Lower Upper
248 100
250 101.4 76.2 114.4
141 75.6 57.2 85.8



#69
Hexachlorobenzene
Concen: 20.264 ng/ul
RT: 16.375 min Scan# 2259
Delta R.T. -0.024 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:284 Resp: 140855
Ion Ratio Lower Upper
284 100
142 31.7 27.8 41.8
249 31.9 25.4 38.0

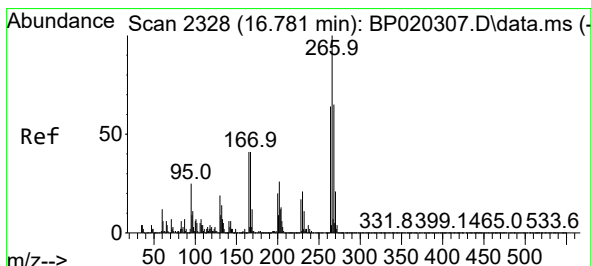
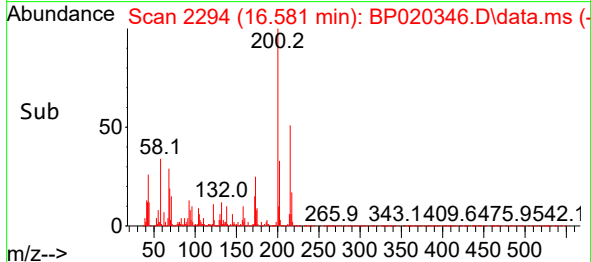
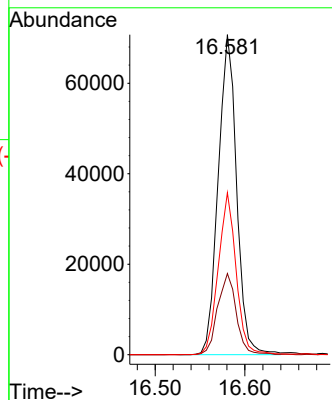
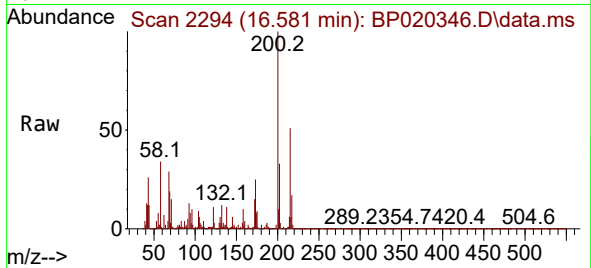




#70
Atrazine
Concen: 18.439 ng/ul
RT: 16.581 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

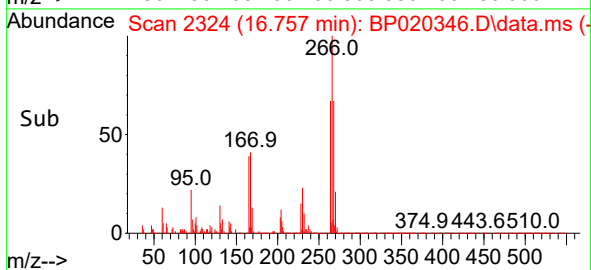
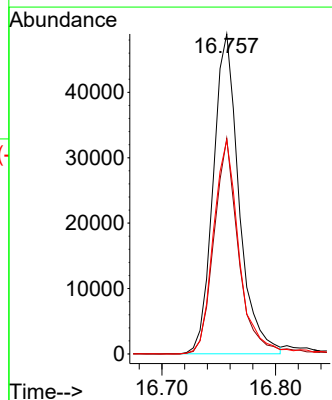
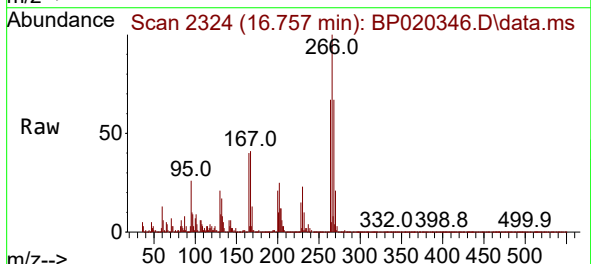
Instrument :
BNA_P
ClientSampleId :
SSTD020795

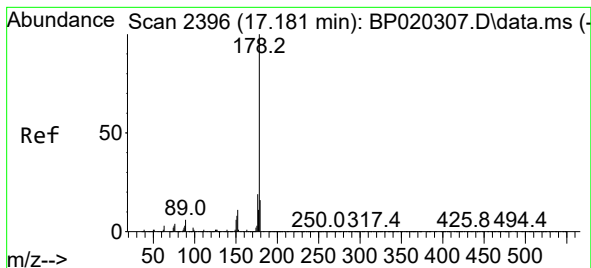
Tgt Ion:200 Resp: 100864
Ion Ratio Lower Upper
200 100
173 25.3 20.3 30.5
215 50.6 37.8 56.8



#71
Pentachlorophenol
Concen: 18.367 ng/ul
RT: 16.757 min Scan# 2324
Delta R.T. -0.018 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:266 Resp: 77166
Ion Ratio Lower Upper
266 100
264 67.3 49.8 74.6
268 66.9 50.4 75.6





#72

Phenanthrene

Concen: 19.591 ng/ul

RT: 17.151 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

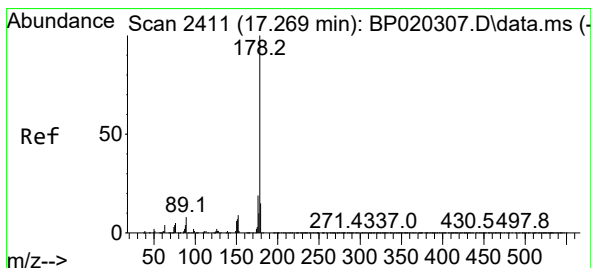
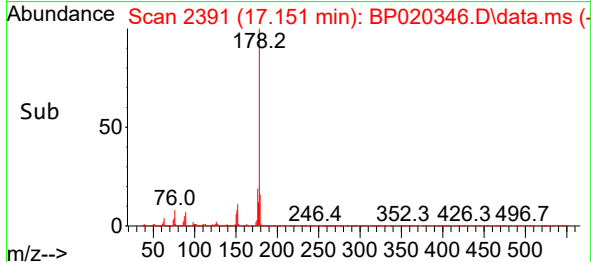
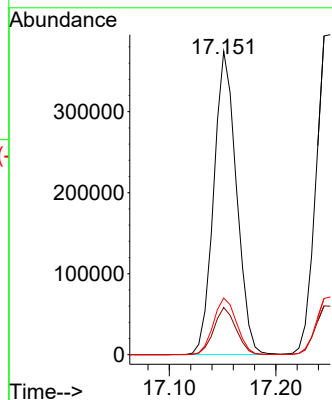
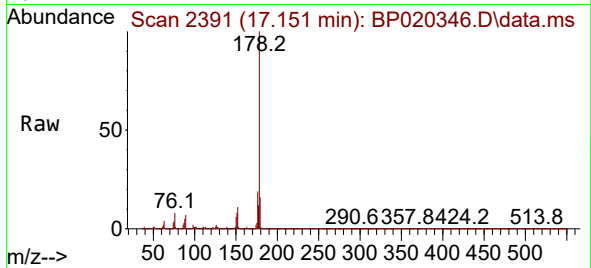
Tgt Ion:178 Resp: 553800

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

176 18.7 15.2 22.8



#74

Anthracene

Concen: 19.857 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.024 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

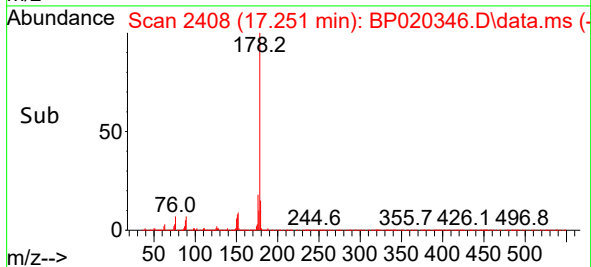
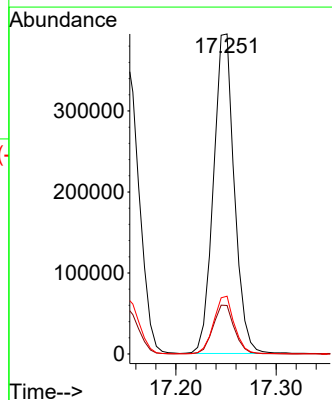
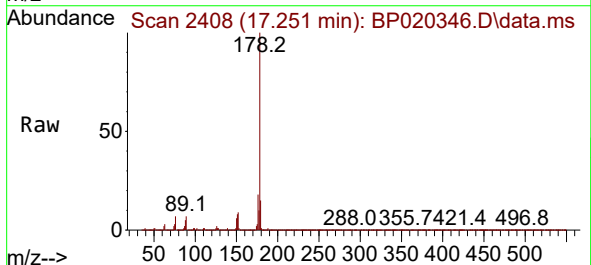
Tgt Ion:178 Resp: 570932

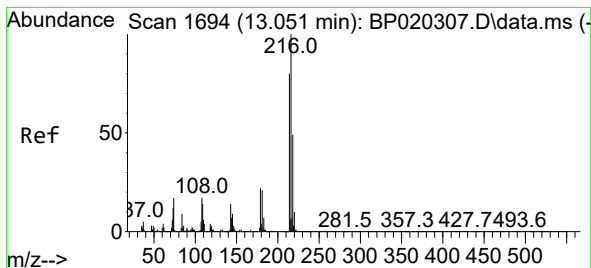
Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

176 18.1 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.179 ng/uL

RT: 13.045 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

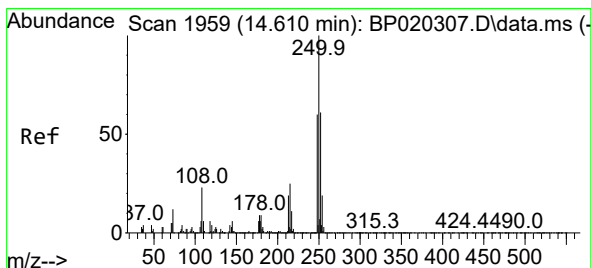
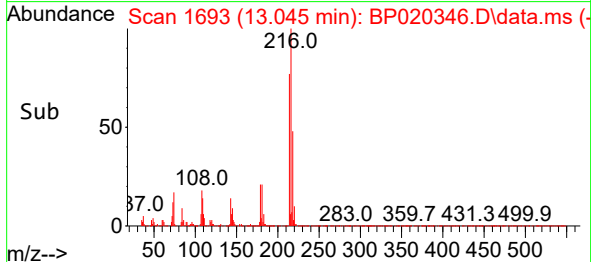
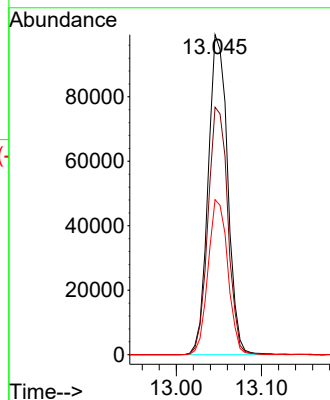
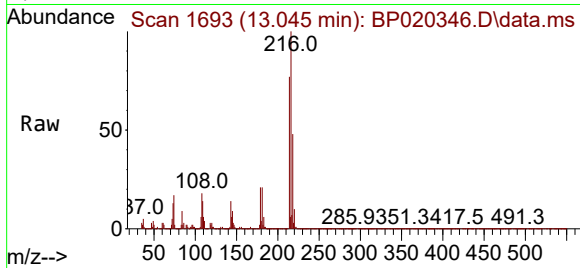
Tgt Ion:216 Resp: 157924

Ion Ratio Lower Upper

216 100

214 77.4 60.1 90.1

218 48.5 38.7 58.1



#76

Pentachlorobenzene

Concen: 19.360 ng/uL

RT: 14.598 min Scan# 1957

Delta R.T. -0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

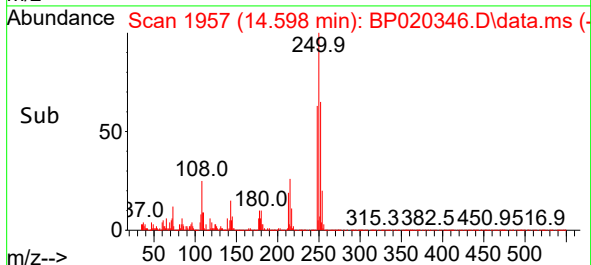
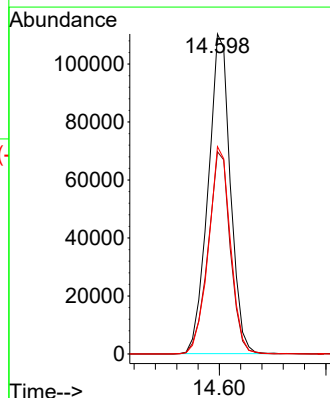
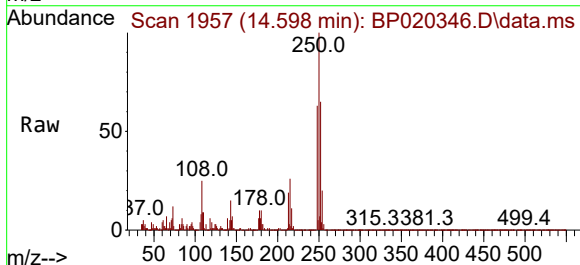
Tgt Ion:250 Resp: 159531

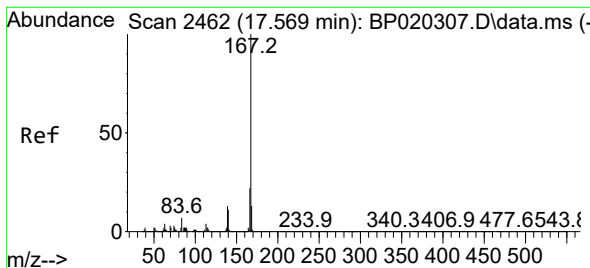
Ion Ratio Lower Upper

250 100

248 63.2 51.0 76.6

252 64.8 52.1 78.1





#77

Carbazole

Concen: 19.970 ng/ul

RT: 17.551 min Scan# 2462

Delta R.T. -0.018 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

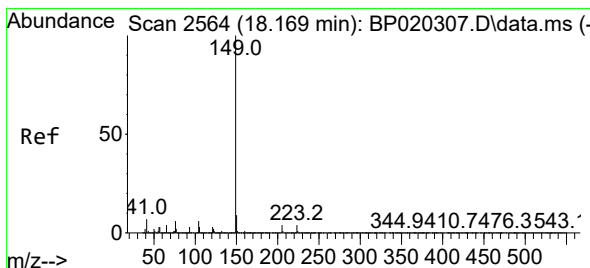
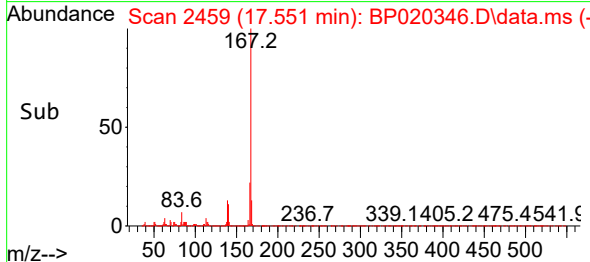
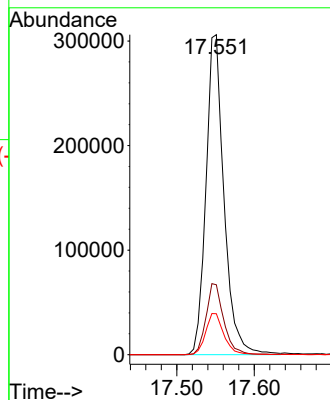
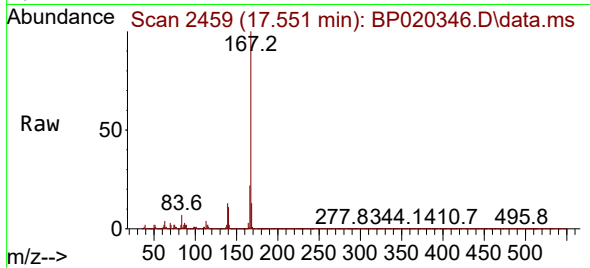
Tgt Ion:167 Resp: 494628

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.8 11.0 16.4



#78

Di-n-butylphthalate

Concen: 19.875 ng/ul

RT: 18.139 min Scan# 2559

Delta R.T. -0.024 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

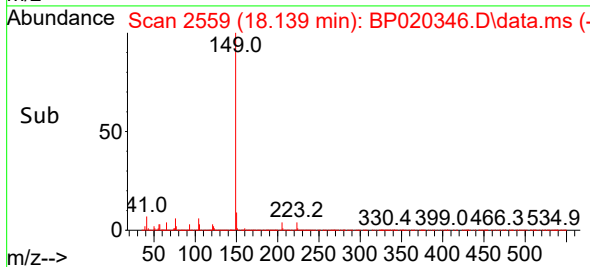
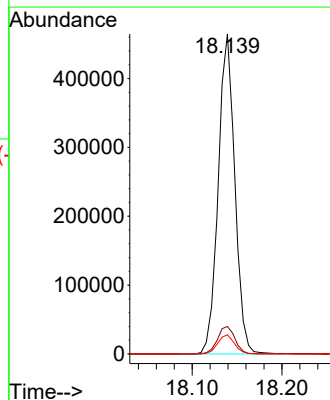
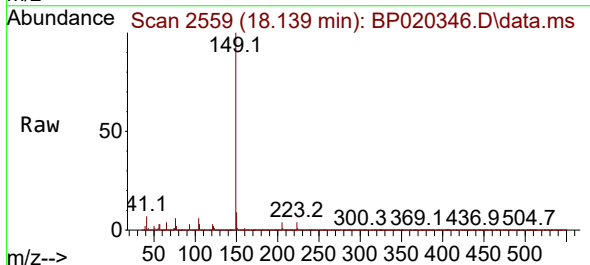
Tgt Ion:149 Resp: 596683

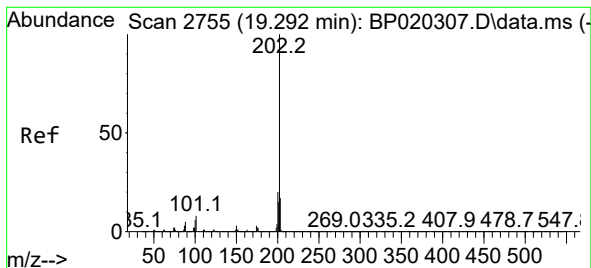
Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.0

104 6.0 5.0 7.6





#80

Fluoranthene

Concen: 17.062 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

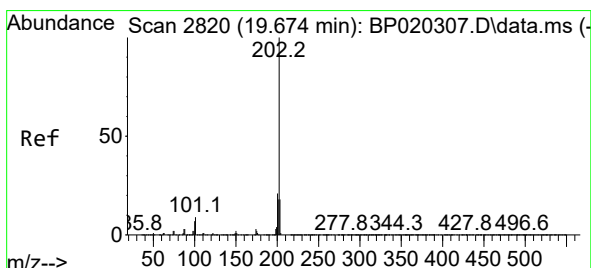
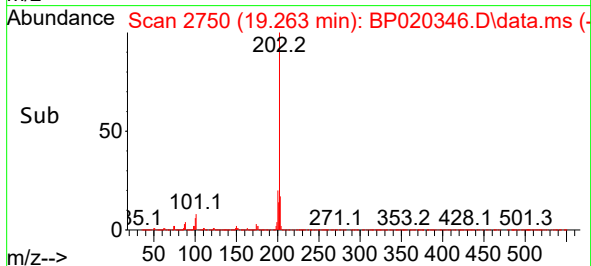
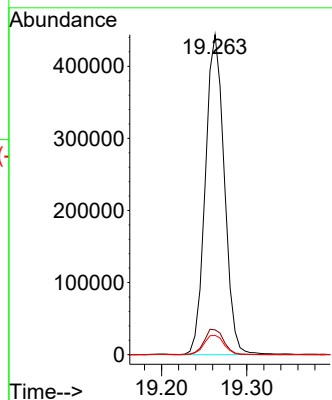
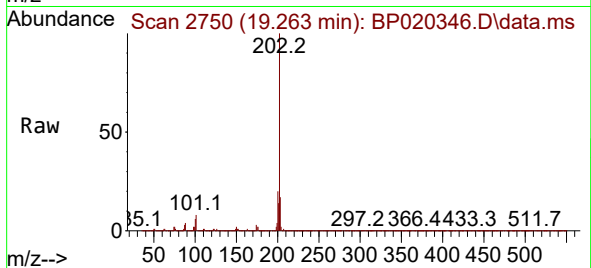
Tgt Ion:202 Resp: 685509

Ion Ratio Lower Upper

202 100

101 7.8 7.0 10.4

100 6.0 5.5 8.3



#82

Pyrene

Concen: 16.925 ng/ul

RT: 19.645 min Scan# 2815

Delta R.T. -0.018 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

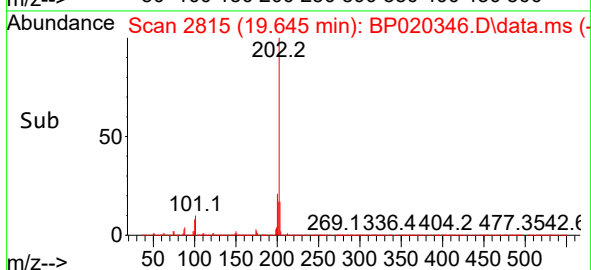
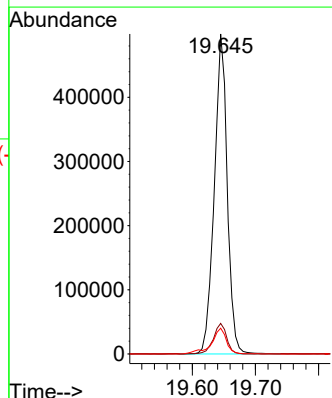
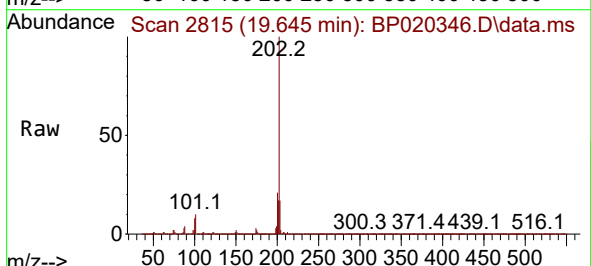
Tgt Ion:202 Resp: 707541

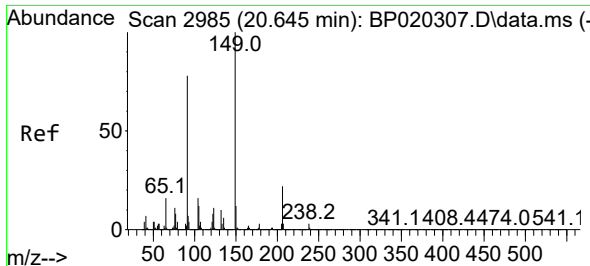
Ion Ratio Lower Upper

202 100

101 9.6 8.1 12.1

100 8.1 6.8 10.2

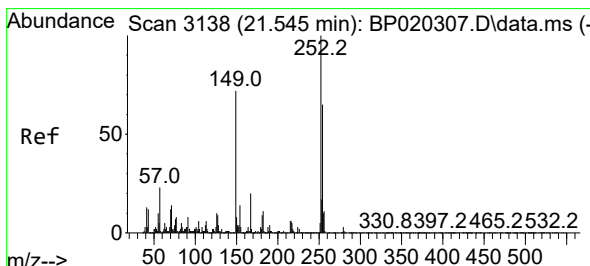
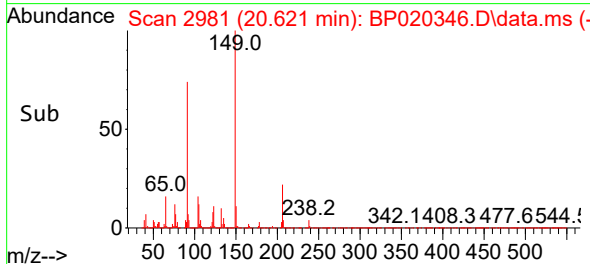
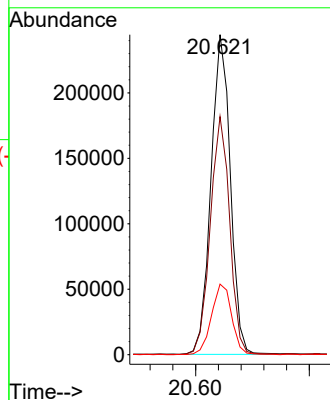
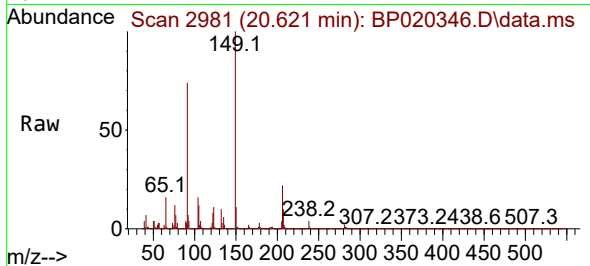




#83
Butylbenzylphthalate
Concen: 18.219 ng/ul
RT: 20.621 min Scan# 2985
Delta R.T. -0.018 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

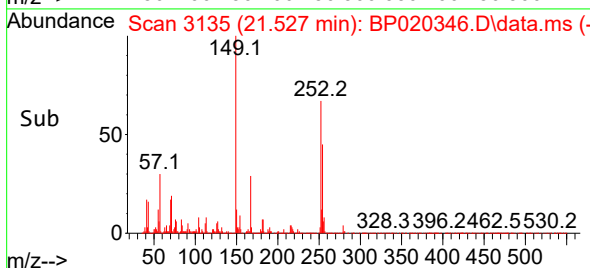
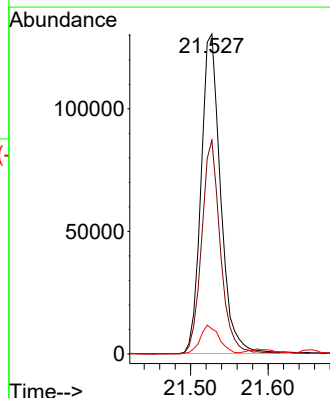
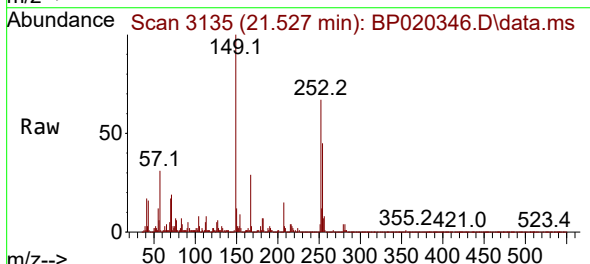
Instrument :
BNA_P
ClientSampleId :
SSTD020795

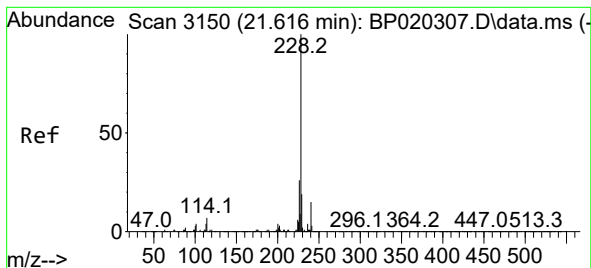
Tgt Ion:149 Resp: 289127
Ion Ratio Lower Upper
149 100
91 74.4 62.7 94.1
206 22.1 17.3 25.9



#84
3,3'-Dichlorobenzidine
Concen: 19.198 ng/ul
RT: 21.527 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:252 Resp: 228203
Ion Ratio Lower Upper
252 100
254 66.8 50.2 75.4
126 7.8 7.3 10.9





#85

Benzo(a)anthracene

Concen: 18.877 ng/ul

RT: 21.586 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

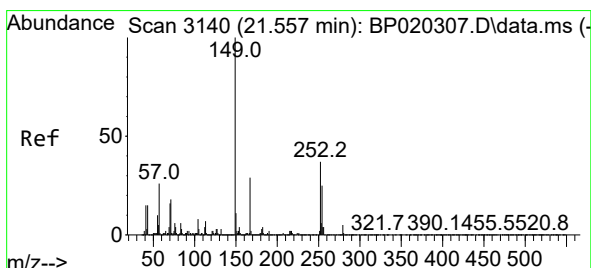
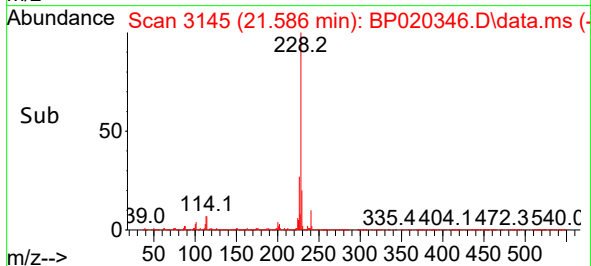
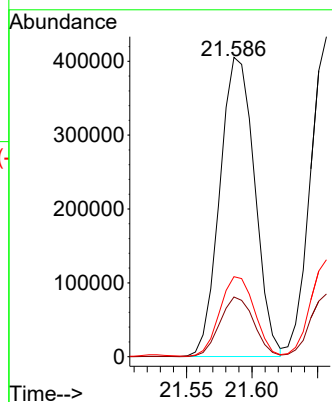
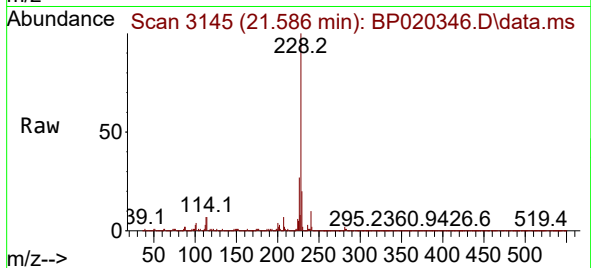
Tgt Ion:228 Resp: 747773

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.8

226 26.7 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.324 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

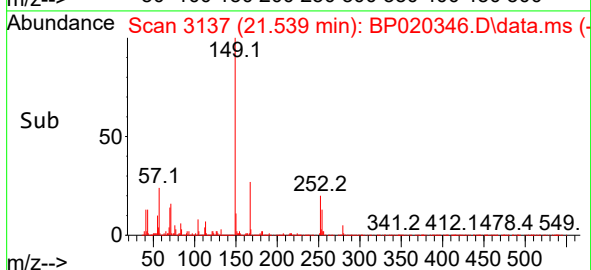
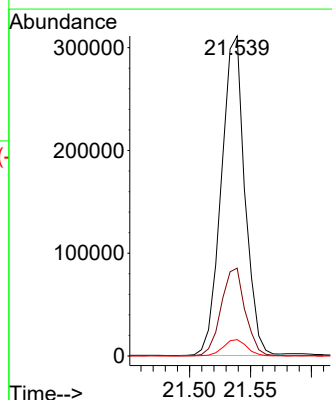
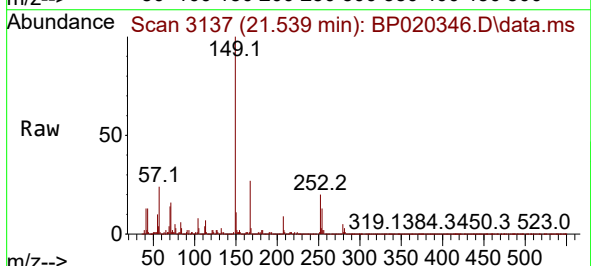
Tgt Ion:149 Resp: 419504

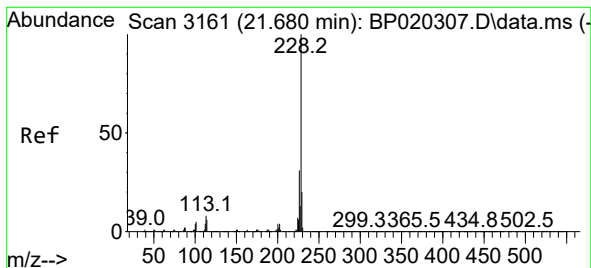
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 5.1 3.4 5.2





#87

Chrysene

Concen: 18.693 ng/ul

RT: 21.657 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

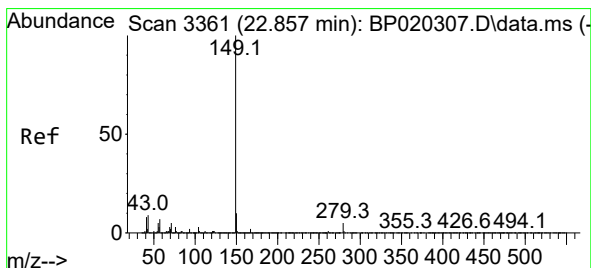
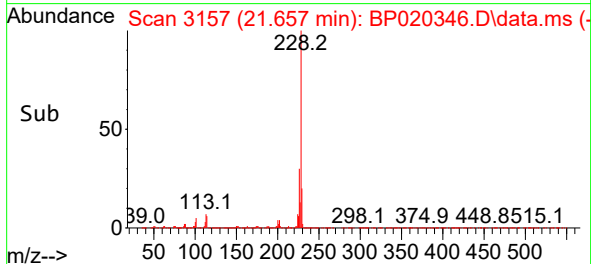
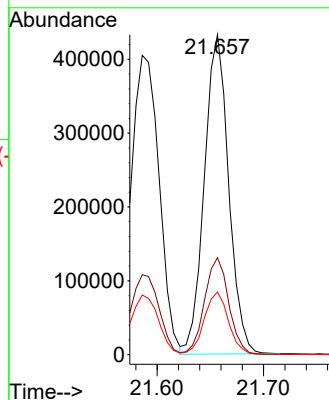
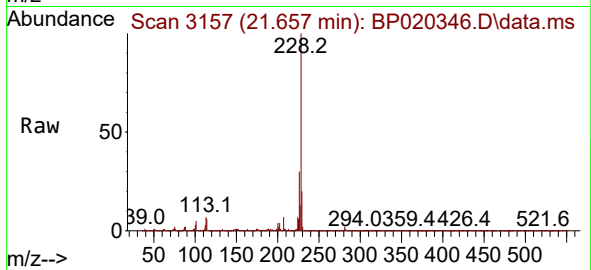
Tgt Ion:228 Resp: 686313

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.6 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 17.409 ng/ul

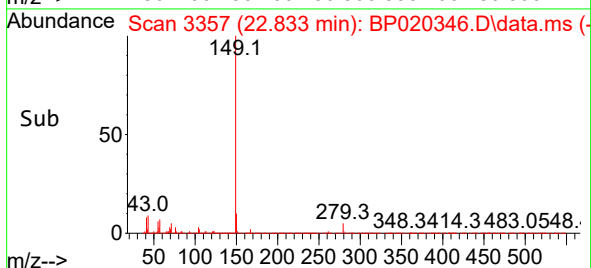
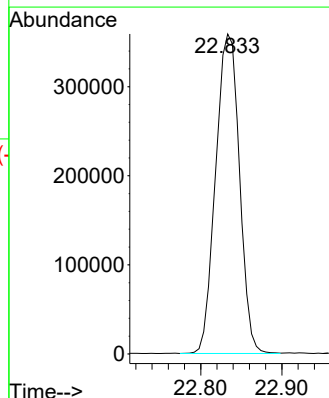
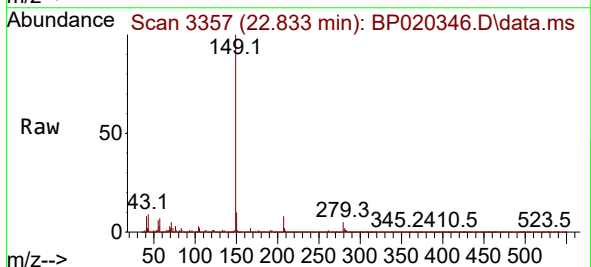
RT: 22.833 min Scan# 3357

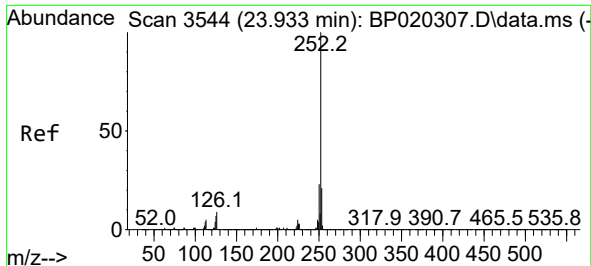
Delta R.T. -0.000 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Tgt Ion:149 Resp: 731286

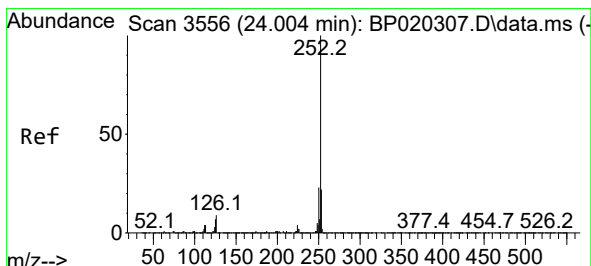
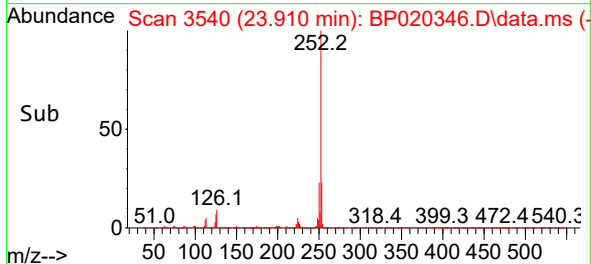
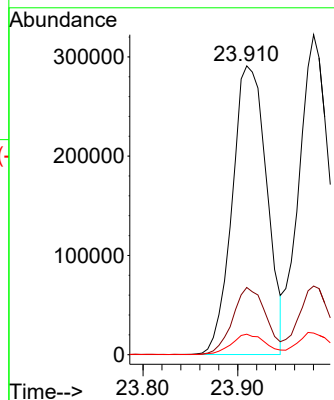
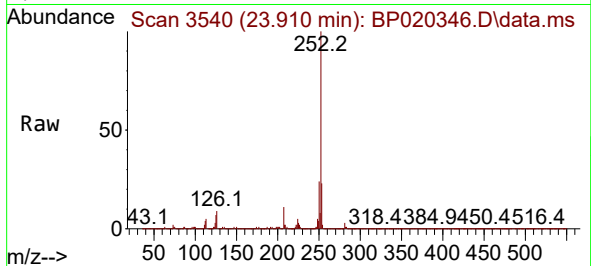




#90
Benzo(b)fluoranthene
Concen: 18.899 ng/ul
RT: 23.910 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

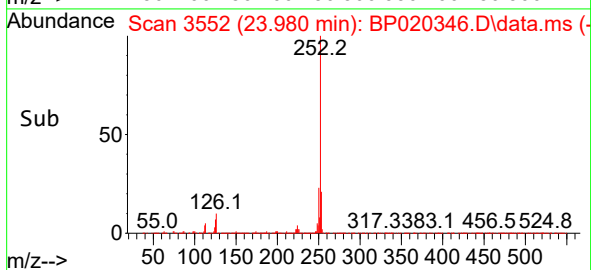
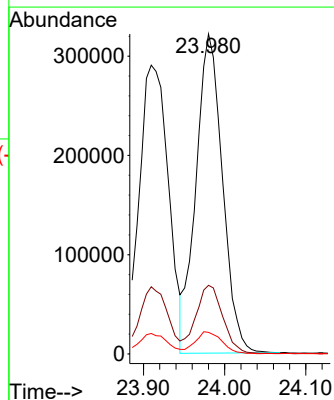
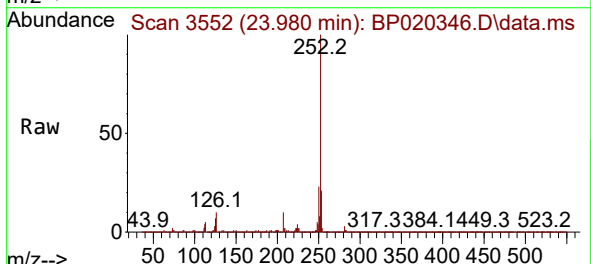
Instrument :
BNA_P
ClientSampleId :
SSTD020795

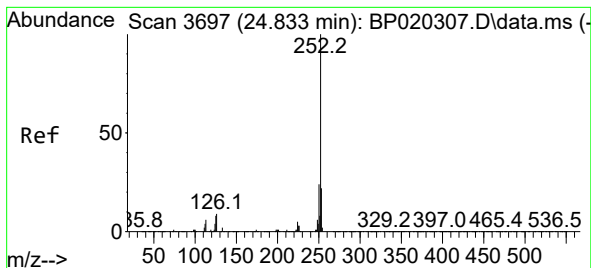
Tgt Ion:252 Resp: 737416
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 7.1 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 18.370 ng/ul
RT: 23.980 min Scan# 3552
Delta R.T. -0.000 min
Lab File: BP020346.D
Acq: 12 May 2024 09:54

Tgt Ion:252 Resp: 730462
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 6.8 5.6 8.4





#93

Benzo(a)pyrene

Concen: 18.606 ng/ul

RT: 24.821 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

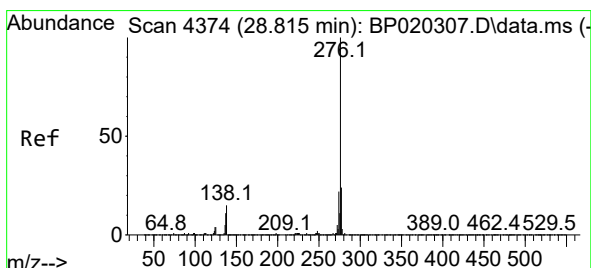
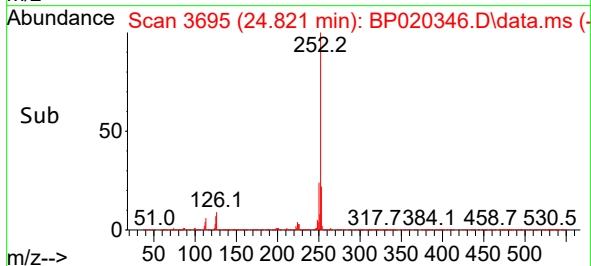
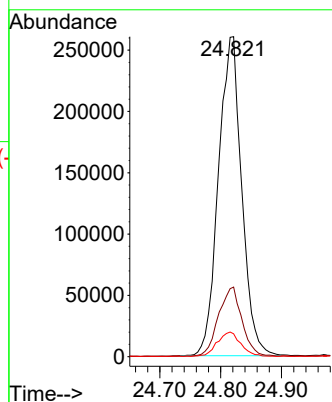
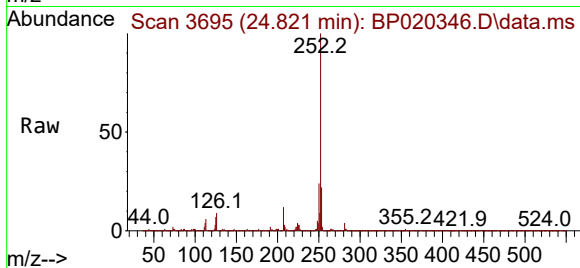
Tgt Ion:252 Resp: 690744

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 7.1 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.931 ng/ul

RT: 28.786 min Scan# 4369

Delta R.T. -0.006 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

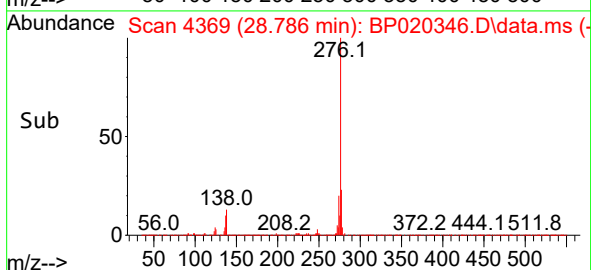
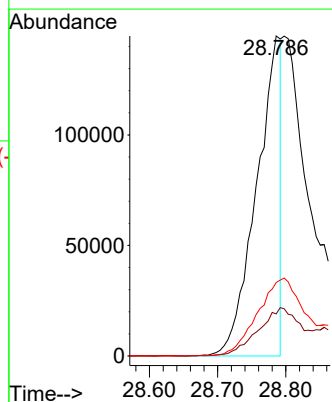
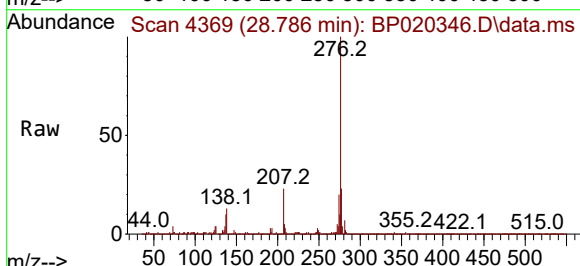
Tgt Ion:276 Resp: 360953

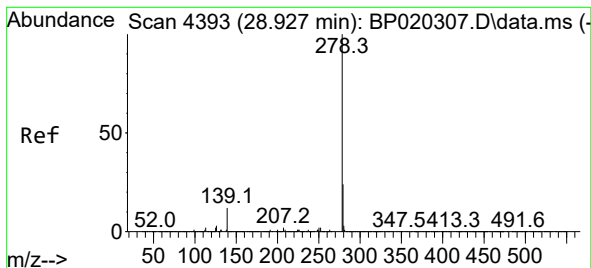
Ion Ratio Lower Upper

276 100

138 13.2 12.3 18.5

277 23.0 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 18.638 ng/ul

RT: 28.874 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020795

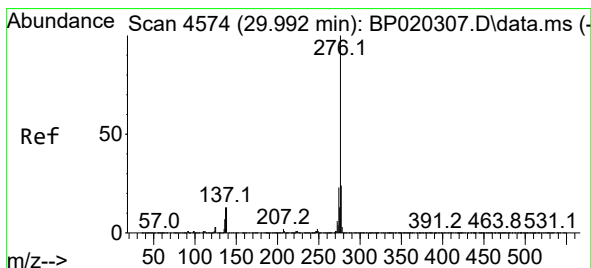
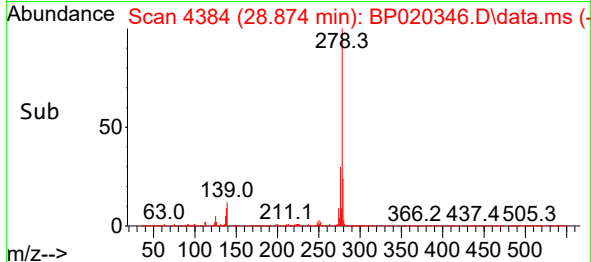
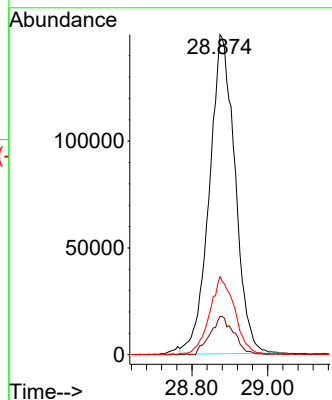
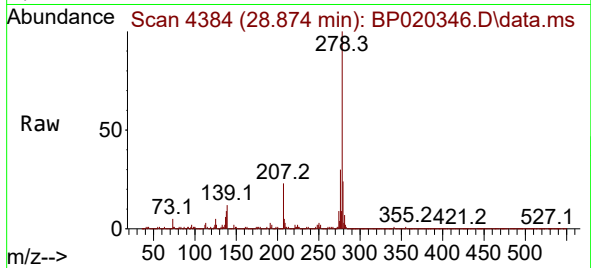
Tgt Ion:278 Resp: 701610

Ion Ratio Lower Upper

278 100

139 12.0 10.2 15.2

279 24.4 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 18.681 ng/ul

RT: 29.956 min Scan# 4568

Delta R.T. -0.024 min

Lab File: BP020346.D

Acq: 12 May 2024 09:54

Tgt Ion:276 Resp: 685713

Ion Ratio Lower Upper

276 100

138 14.8 11.6 17.4

277 22.4 19.4 29.0

