

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015271.D
 Acq On : 24 May 2023 12:34
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020730

Quant Time: May 24 17:44:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	245521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.952	136	1088851	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	685153	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1468264	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1058886	20.000	ng/u1	0.01
88) Perylene-d12	24.157	264	1106955	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	48285	7.641	ng/uL	0.00
4) Pyridine-d5	3.864	84	326587	18.233	ng/u1	0.00
7) Phenol-d5	7.263	99	425301	18.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	256327	19.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.640	132	319427	19.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	341722	18.812	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	164749	19.255	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	189897	19.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	351394	20.455	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	472551	18.591	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1014596	19.597	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1163281	19.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	162866	16.200	ng/u1	0.00
60) Fluorene-d10	15.757	176	869252	19.897	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	150749	16.292	ng/u1	0.00
73) Anthracene-d10	17.616	188	1286285	19.132	ng/u1	0.00
81) Pyrene-d10	19.833	212	1352743	22.027	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1050939	19.125	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	52030	7.663	ng/uL	95
5) Pyridine	3.881	79	343241	18.425	ng/u1	93
6) Benzaldehyde	7.246	77	151432	24.168	ng/u1	97
8) Phenol	7.293	94	445854	19.073	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.534	93	349294	18.677	ng/u1	97
12) 2-Chlorophenol	7.675	128	340098	19.184	ng/u1	97
13) 2-Methylphenol	8.563	108	335875	18.591	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	461579	19.699	ng/u1	100
16) Acetophenone	8.952	105	548799	19.358	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.934	70	282775	19.018	ng/u1	95
18) 4-Methylphenol	8.893	108	370951	18.655	ng/u1	99
19) Hexachloroethane	9.210	117	134815	18.624	ng/u1	90
22) Nitrobenzene	9.340	77	434515	20.562	ng/u1	97
23) Isophorone	9.869	82	794564	18.293	ng/u1	99
25) 2-Nitrophenol	10.057	139	206815	19.810	ng/u1	91
26) 2,4-Dimethylphenol	10.110	107	416869	20.010	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.352	93	497569	18.827	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	354432	20.425	ng/u1	98
30) Naphthalene	10.999	128	1128553	19.064	ng/u1	99
32) 4-Chloroaniline	11.110	127	491259	18.805	ng/u1	99
33) Hexachlorobutadiene	11.281	225	222907	21.314	ng/u1	97
34) Caprolactam	11.887	113	107354	16.409	ng/u1	90
35) 4-Chloro-3-methylphenol	12.222	107	391599	19.986	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	773067	19.382	ng/u1	99

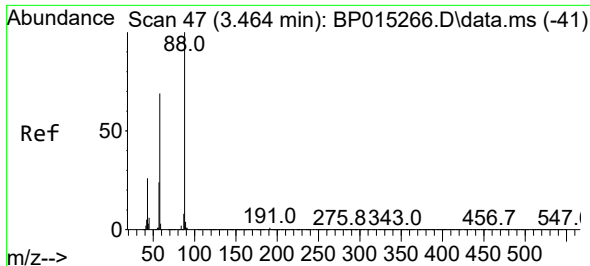
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015271.D
 Acq On : 24 May 2023 12:34
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020730

Quant Time: May 24 17:44:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	775080	19.351	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	434998	21.228	ng/ul	100
40) Hexachlorocyclopentadiene	12.940	237	211932	15.963	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	293077	20.255	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	321260	20.477	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1057791	19.899	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	837311	20.169	ng/ul	98
45) 2-Nitroaniline	13.845	65	248030	20.881	ng/ul	91
47) Dimethylphthalate	14.210	163	1055692	19.579	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	220505	20.642	ng/ul	100
50) Acenaphthylene	14.487	152	1285592	19.458	ng/ul	100
51) 3-Nitroaniline	14.669	138	173438	18.031	ng/ul	98
52) Acenaphthene	14.828	153	875654	19.405	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	113669	16.026	ng/ul	90
55) 4-Nitrophenol	14.969	109	143922	19.464	ng/ul	86
56) Dibenzofuran	15.157	168	1248986	19.899	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	310136	20.064	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.387	232	263390	19.892	ng/ul	98
59) Diethylphthalate	15.569	149	1062154	19.751	ng/ul	100
61) Fluorene	15.810	166	992265	19.672	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	504705	20.479	ng/ul	97
63) 4-Nitroaniline	15.834	138	131117	15.785	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.887	198	157692	16.513	ng/ul	99
67) N-Nitrosodiphenylamine	16.016	169	845374	19.581	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	320103	21.166	ng/ul	99
69) Hexachlorobenzene	16.816	284	366592	20.512	ng/ul	98
70) Atrazine	16.963	200	318754	19.975	ng/ul	99
71) Pentachlorophenol	17.163	266	193714	17.328	ng/ul	99
72) Phenanthrene	17.563	178	1546280	19.340	ng/ul	99
74) Anthracene	17.651	178	1546229	19.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	440531	21.161	ng/uL	100
76) Pentachlorobenzene	15.081	250	440204	21.060	ng/uL	100
77) Carbazole	17.916	167	1326452	18.710	ng/ul	99
78) Di-n-butylphthalate	18.451	149	1807679	19.800	ng/ul	99
80) Fluoranthene	19.510	202	1691186	22.593	ng/ul	98
82) Pyrene	19.863	202	1710657	22.130	ng/ul	98
83) Butylbenzylphthalate	20.716	149	731510	21.347	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.504	252	405776	17.448	ng/ul	97
85) Benzo(a)anthracene	21.580	228	1461717	19.964	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1077270	21.836	ng/ul	99
87) Chrysene	21.633	228	1345266	19.221	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	1633117	21.542	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	1389682	19.803	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	1331055	19.753	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1186621	19.131	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	1536155	19.127	ng/ul	97
95) Dibenzo(a,h)anthracene	26.886	278	1276112	19.356	ng/ul	97
96) Benzo(g,h,i)perylene	27.704	276	1251377	19.107	ng/ul	98

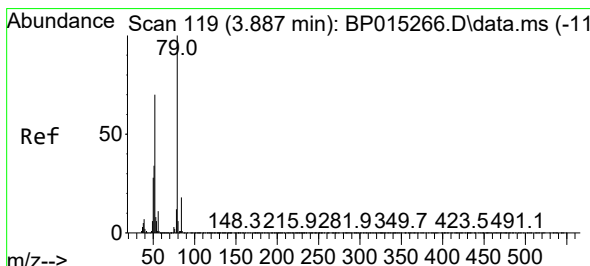
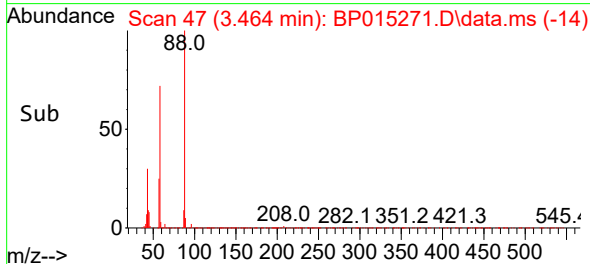
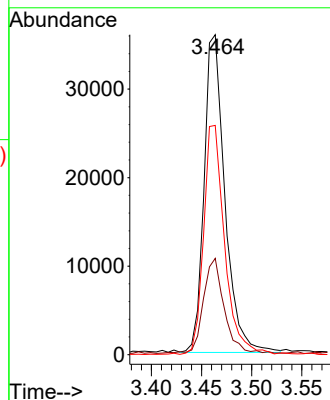
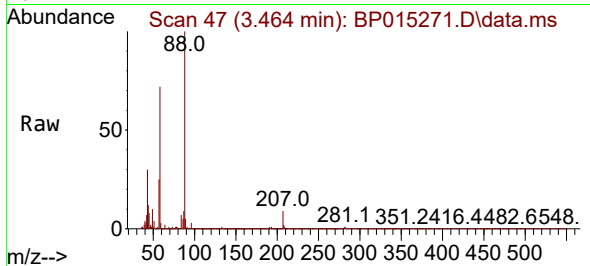
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 7.663 ng/uL
RT: 3.464 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

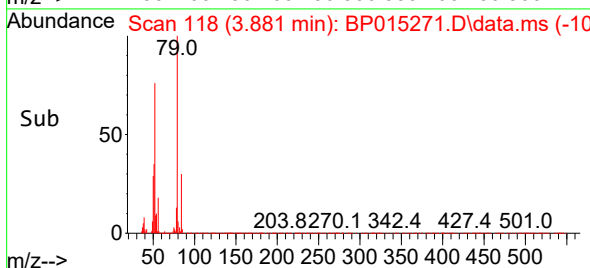
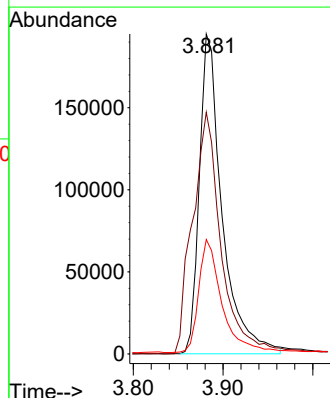
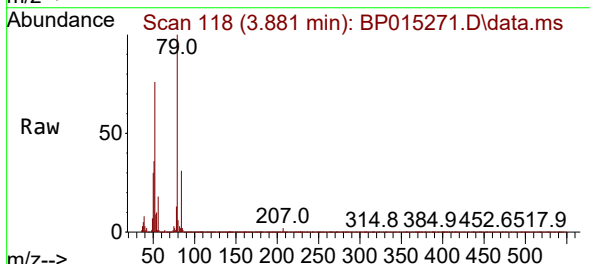
Instrument :
BNA_P
ClientSampleId :
SSTD020730

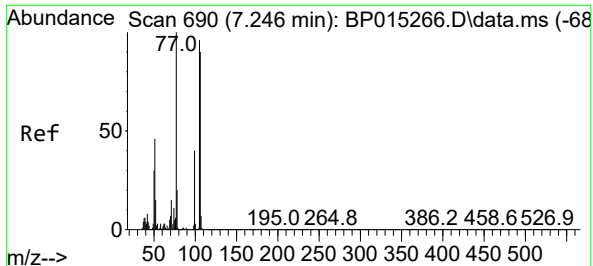
Tgt Ion: 88 Resp: 52030
Ion Ratio Lower Upper
88 100
43 30.1 20.4 30.6
58 71.7 55.4 83.2



#5
Pyridine
Concen: 18.425 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion: 79 Resp: 343241
Ion Ratio Lower Upper
79 100
52 75.5 55.4 83.2
51 35.8 25.4 38.2

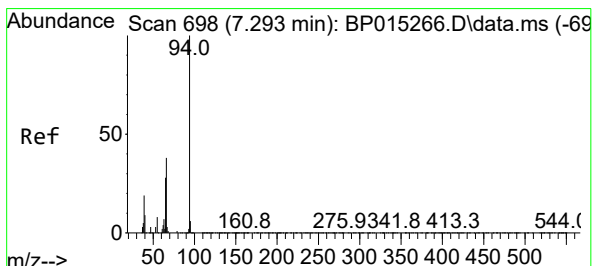
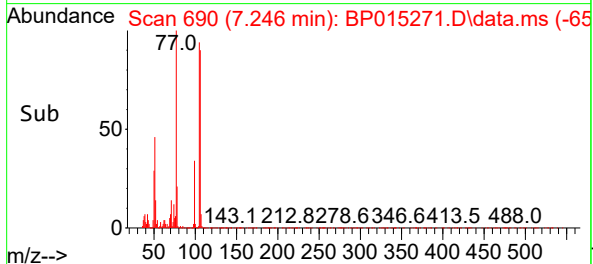
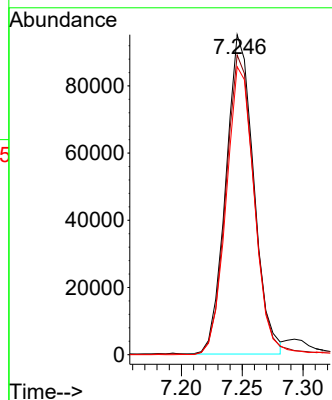
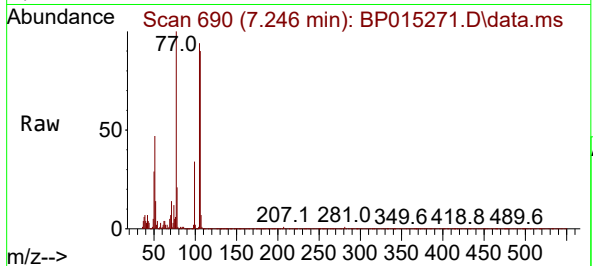




#6
Benzaldehyde
Concen: 24.168 ng/ul
RT: 7.246 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

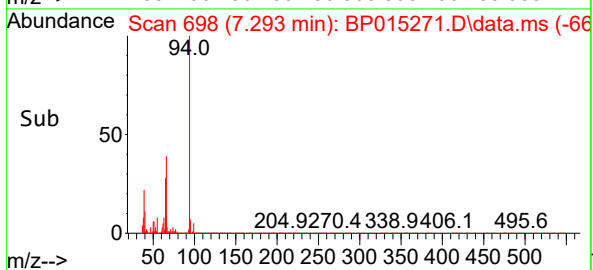
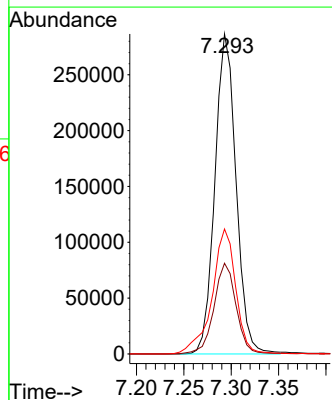
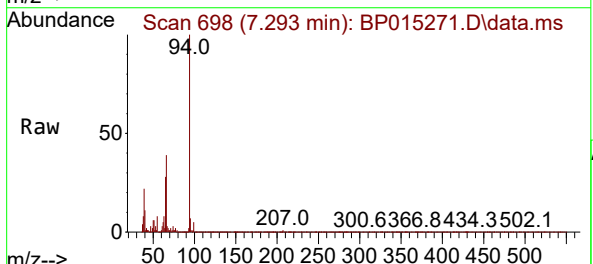
Instrument :
BNA_P
ClientSampleId :
SSTD020730

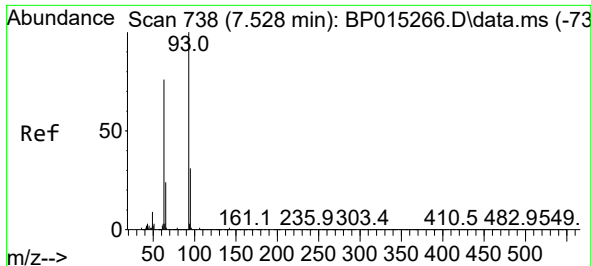
Tgt Ion: 77 Resp: 151432
Ion Ratio Lower Upper
77 100
105 93.7 76.9 115.3
106 90.0 75.0 112.6



#8
Phenol
Concen: 19.073 ng/ul
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion: 94 Resp: 445854
Ion Ratio Lower Upper
94 100
65 28.3 20.6 31.0
66 39.0 26.1 39.1

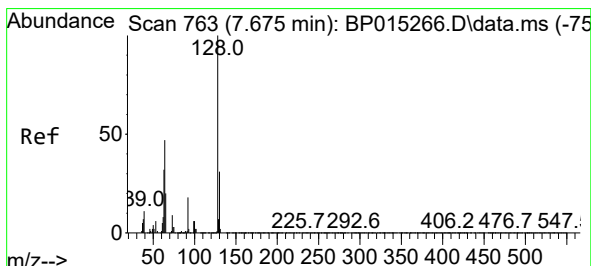
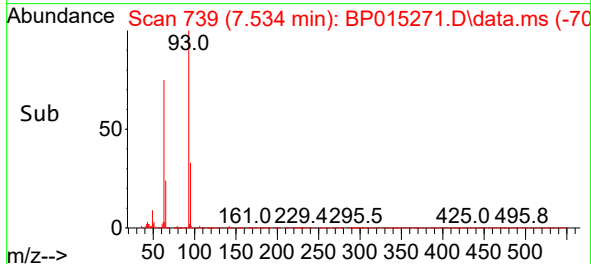
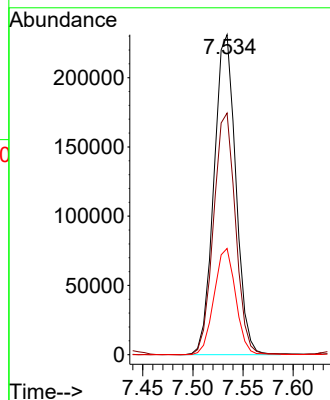
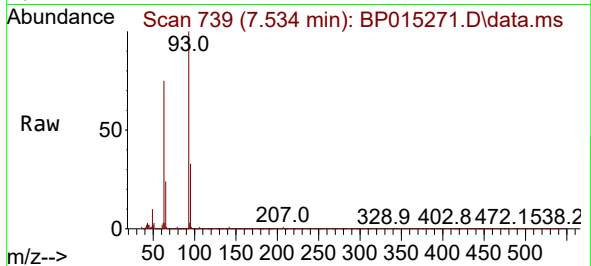




#10
Bis(2-Chloroethyl)ether
Concen: 18.677 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

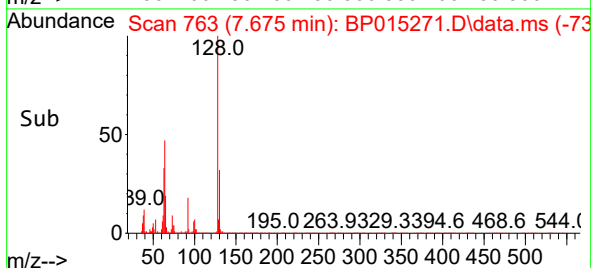
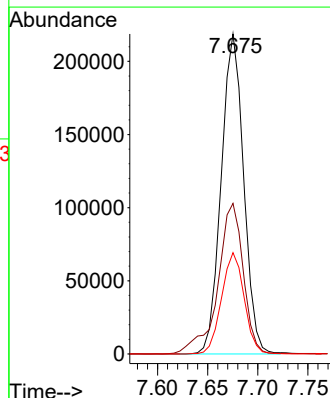
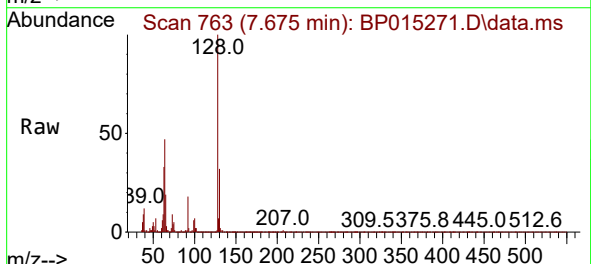
Instrument :
BNA_P
ClientSampleId :
SSTD020730

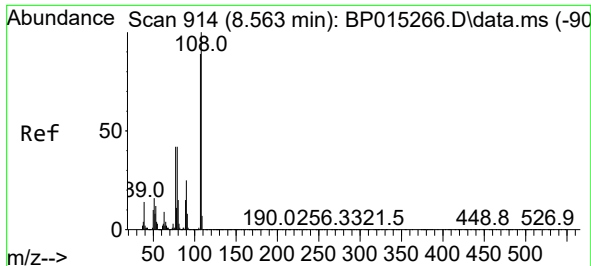
Tgt Ion: 93 Resp: 349294
Ion Ratio Lower Upper
93 100
63 75.5 58.0 87.0
95 33.2 26.4 39.6



#12
2-Chlorophenol
Concen: 19.184 ng/ul
RT: 7.675 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:128 Resp: 340098
Ion Ratio Lower Upper
128 100
64 47.0 36.2 54.2
130 31.6 26.3 39.5





#13

2-Methylphenol

Concen: 18.591 ng/ul

RT: 8.563 min Scan# 914

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

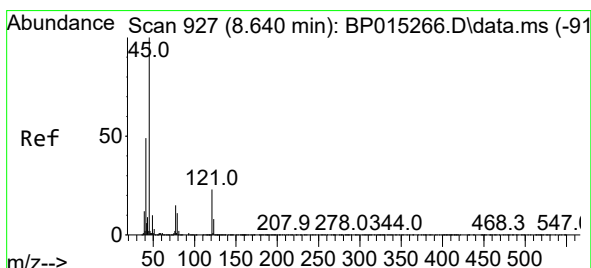
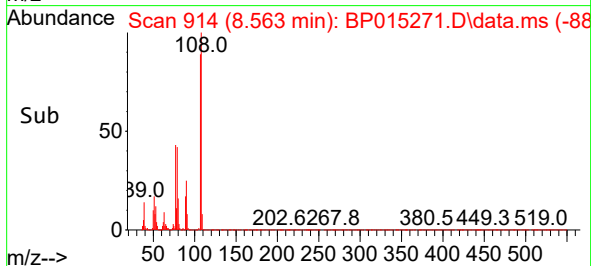
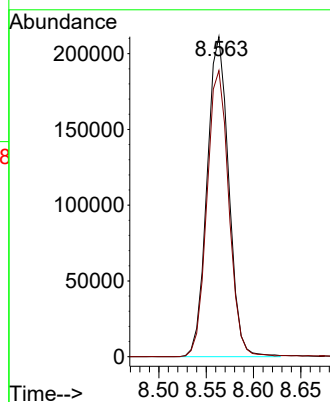
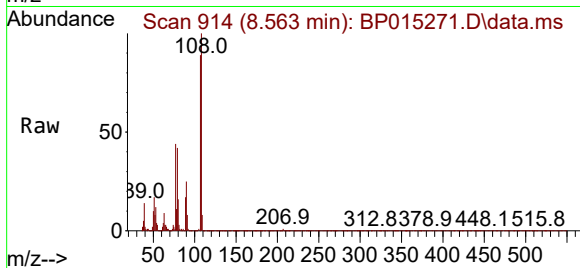
SSTD020730

Tgt Ion:108 Resp: 335875

Ion Ratio Lower Upper

108 100

107 89.4 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.699 ng/ul

RT: 8.652 min Scan# 929

Delta R.T. -0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

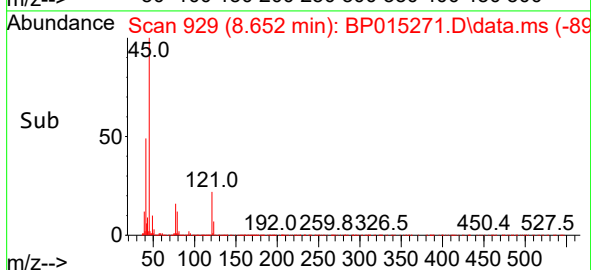
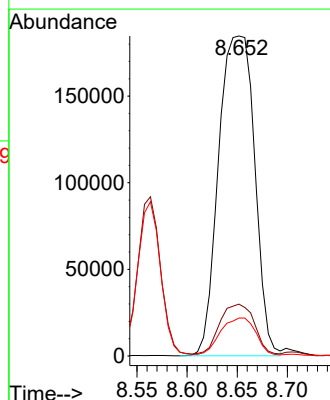
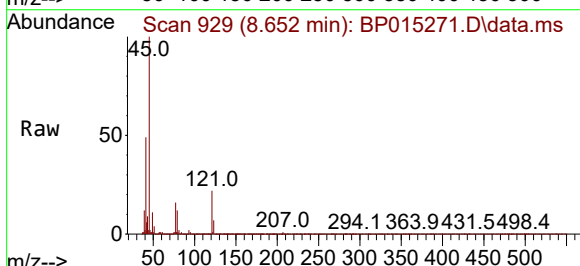
Tgt Ion: 45 Resp: 461579

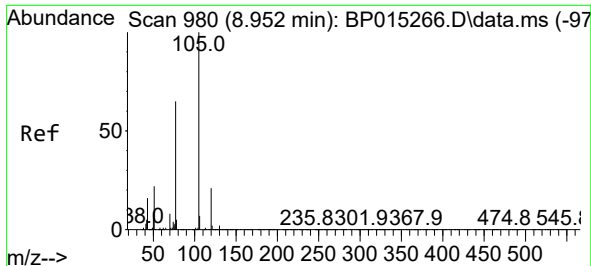
Ion Ratio Lower Upper

45 100

77 16.2 12.8 19.2

79 11.8 9.5 14.3

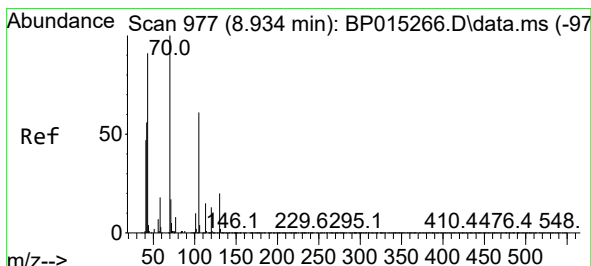
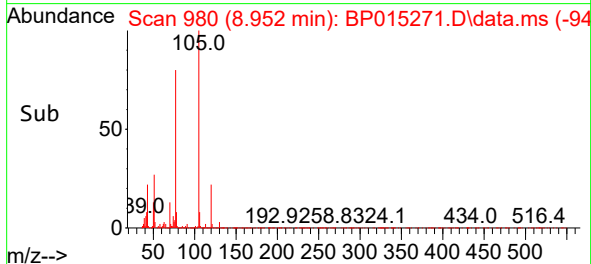
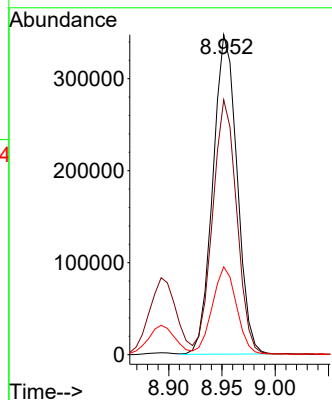
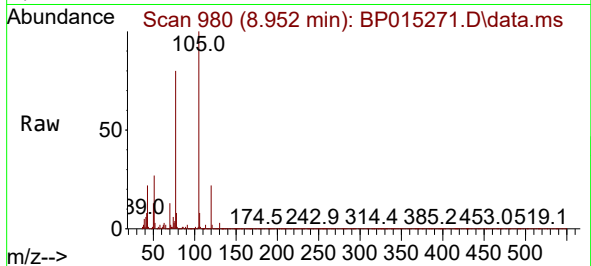




#16
Acetophenone
Concen: 19.358 ng/ul
RT: 8.952 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

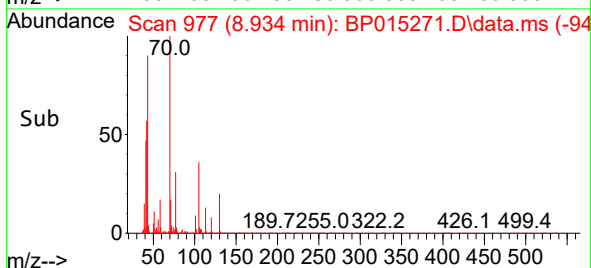
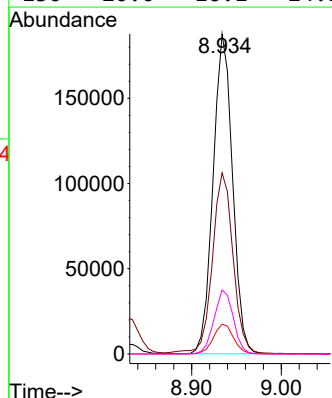
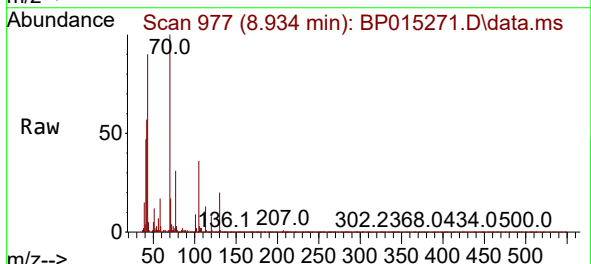
Instrument :
BNA_P
ClientSampleId :
SSTD020730

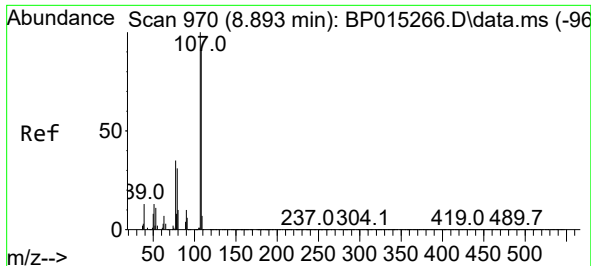
Tgt Ion:105 Resp: 548799
Ion Ratio Lower Upper
105 100
77 79.6 59.4 89.2
51 27.5 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 19.018 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion: 70 Resp: 282775
Ion Ratio Lower Upper
70 100
42 56.6 41.0 61.6
101 9.3 7.9 11.9
130 20.0 16.1 24.1

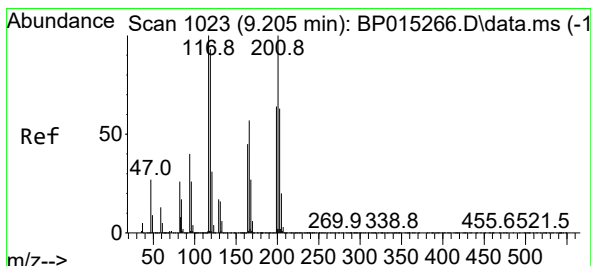
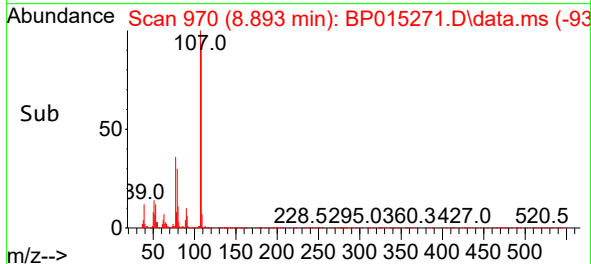
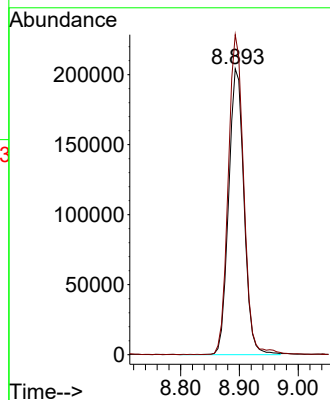
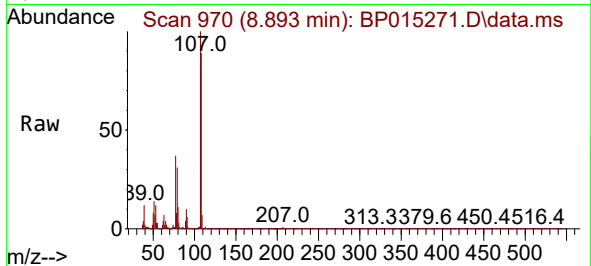




#18
4-Methylphenol
Concen: 18.655 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

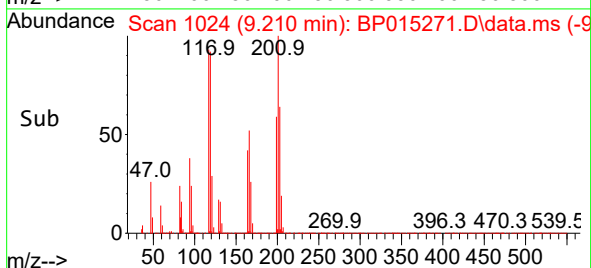
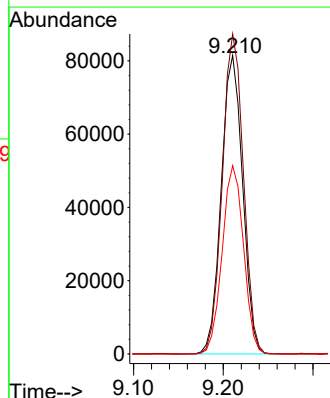
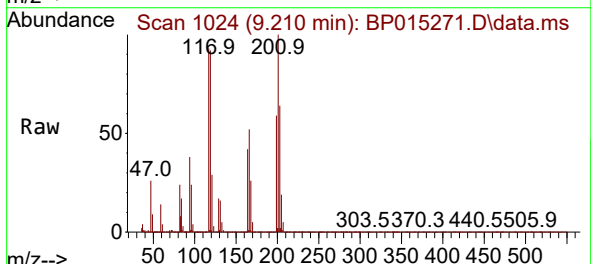
Instrument :
BNA_P
ClientSampleId :
SSTD020730

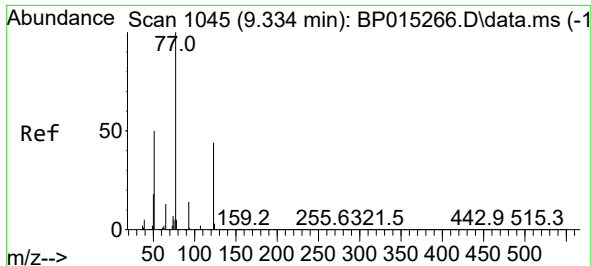
Tgt Ion:108 Resp: 370951
Ion Ratio Lower Upper
108 100
107 111.9 88.5 132.7



#19
Hexachloroethane
Concen: 18.624 ng/ul
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:117 Resp: 134815
Ion Ratio Lower Upper
117 100
201 107.2 75.8 113.8
199 63.1 46.5 69.7

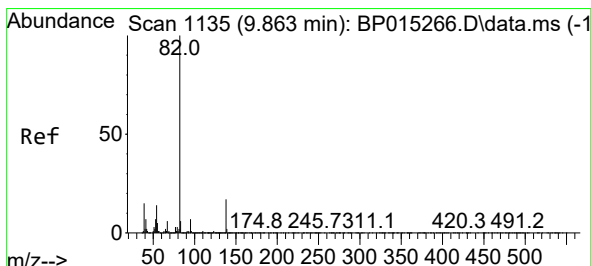
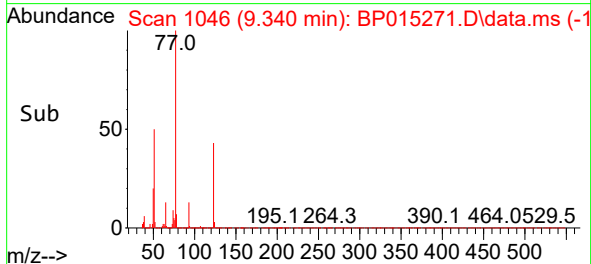
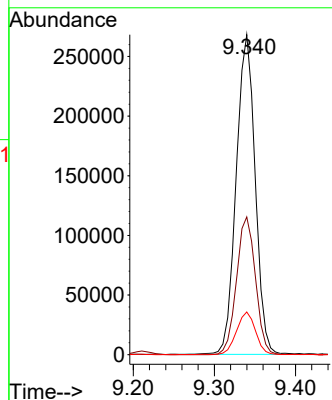
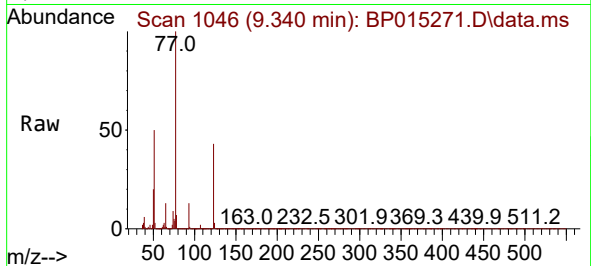




#22
Nitrobenzene
Concen: 20.562 ng/ul
RT: 9.340 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

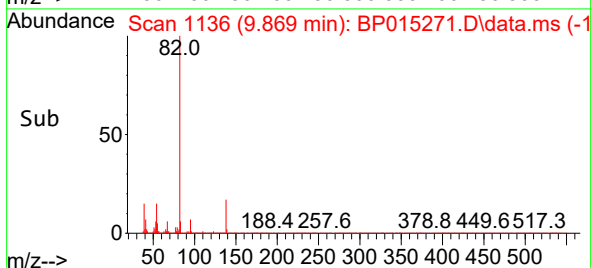
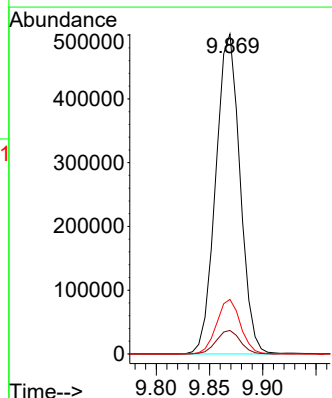
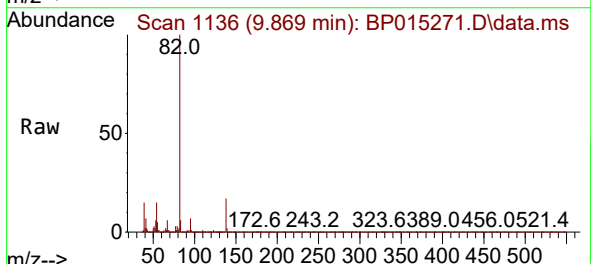
Instrument :
BNA_P
ClientSampleId :
SSTD020730

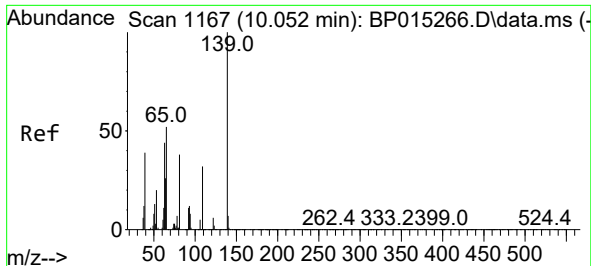
Tgt Ion: 77 Resp: 434515
Ion Ratio Lower Upper
77 100
123 43.0 36.2 54.2
65 13.4 10.1 15.1



#23
Isophorone
Concen: 18.293 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion: 82 Resp: 794564
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 17.1 13.6 20.4

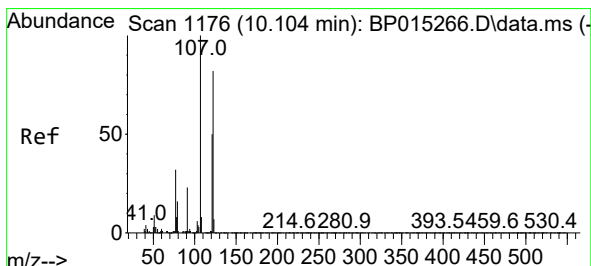
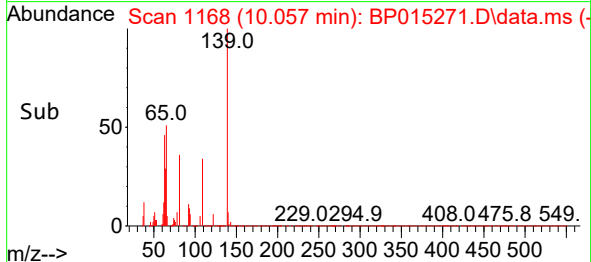
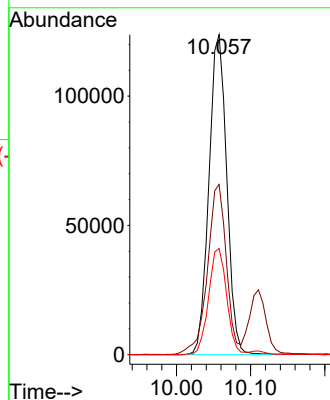
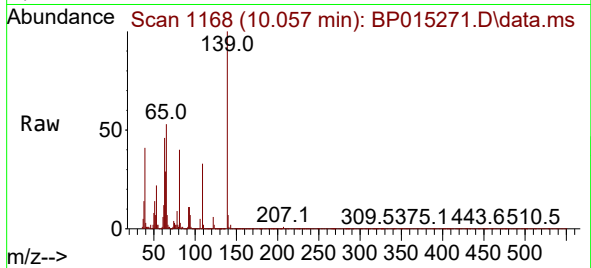




#25
2-Nitrophenol
Concen: 19.810 ng/ul
RT: 10.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

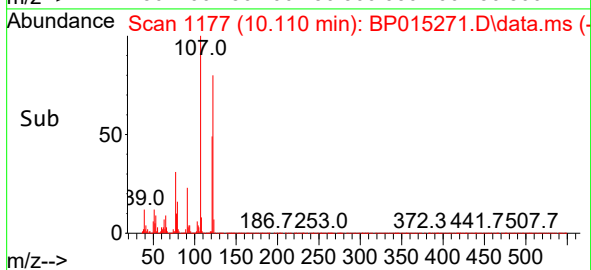
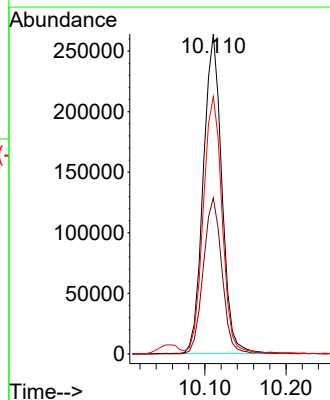
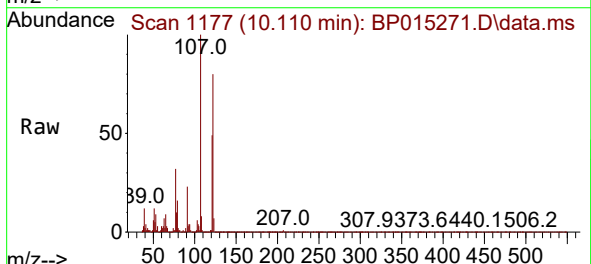
Instrument :
BNA_P
ClientSampleId :
SSTD020730

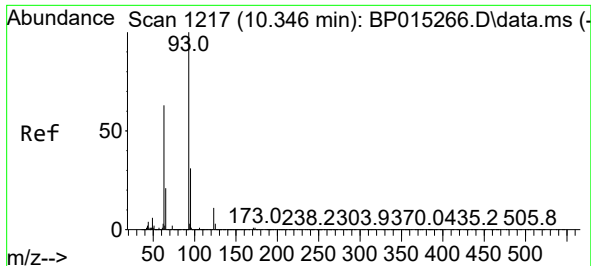
Tgt Ion:139 Resp: 206815
Ion Ratio Lower Upper
139 100
65 53.2 38.4 57.6
109 33.2 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 20.010 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:107 Resp: 416869
Ion Ratio Lower Upper
107 100
121 48.8 41.0 61.6
122 80.4 69.5 104.3

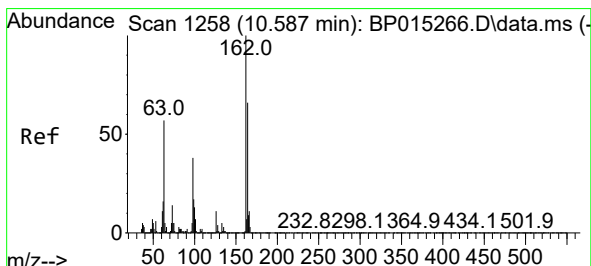
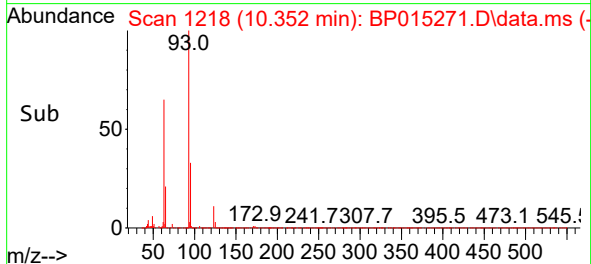
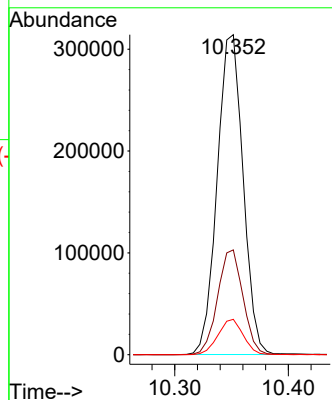
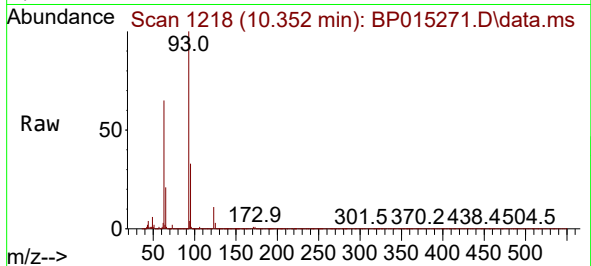




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.827 ng/ul
 RT: 10.352 min Scan# 1218
 Delta R.T. -0.000 min
 Lab File: BP015271.D
 Acq: 24 May 2023 12:34

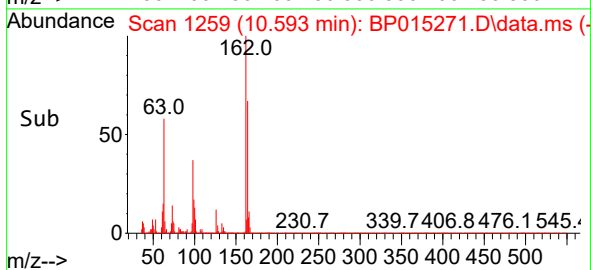
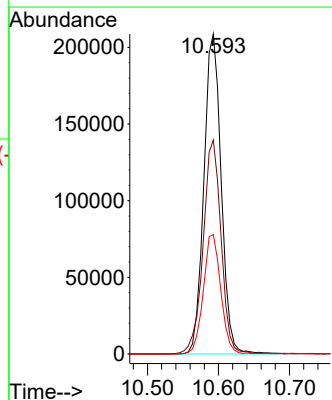
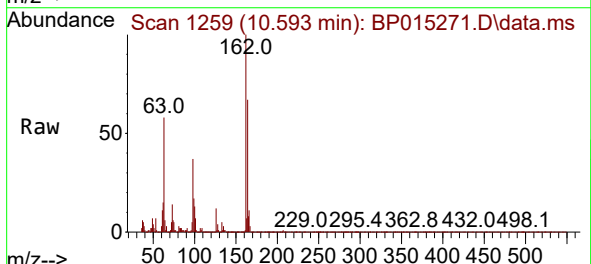
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020730

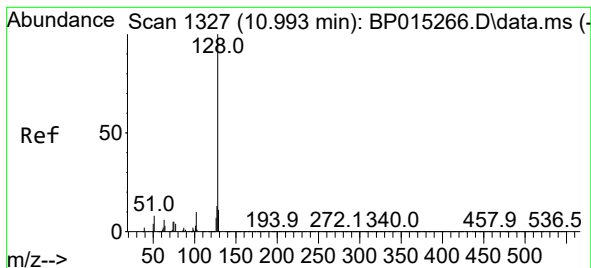
Tgt Ion: 93 Resp: 497569
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.7 40.1
 123 11.1 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 20.425 ng/ul
 RT: 10.593 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: BP015271.D
 Acq: 24 May 2023 12:34

Tgt Ion:162 Resp: 354432
 Ion Ratio Lower Upper
 162 100
 164 66.8 52.0 78.0
 98 37.3 28.9 43.3

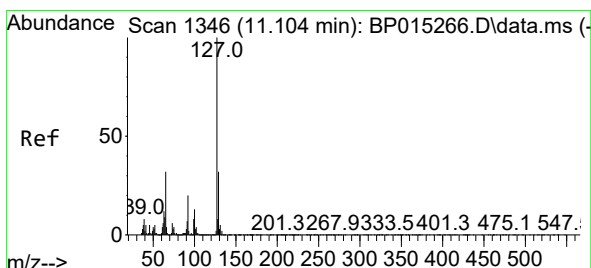
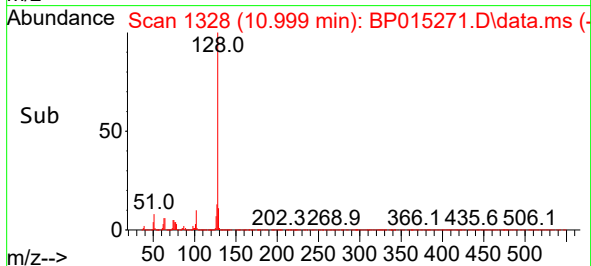
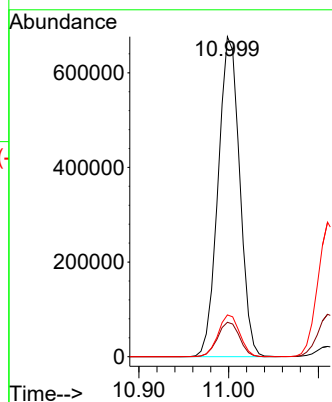
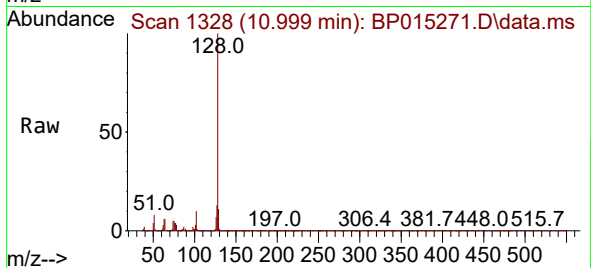




#30
Naphthalene
Concen: 19.064 ng/ul
RT: 10.999 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

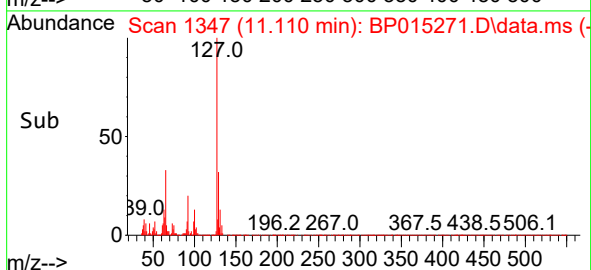
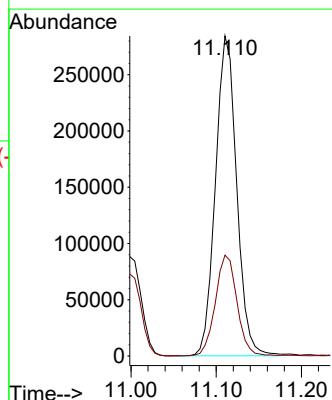
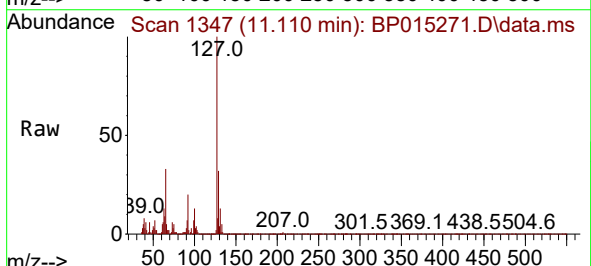
Instrument :
BNA_P
ClientSampleId :
SSTD020730

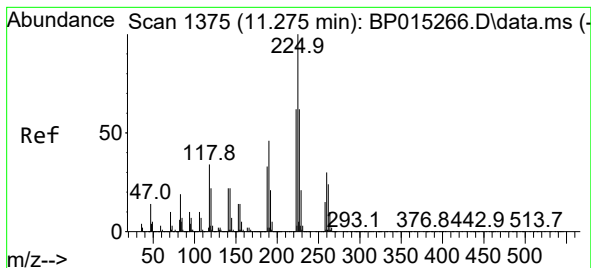
Tgt Ion:128 Resp: 1128553
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 18.805 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:127 Resp: 491259
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8





#33

Hexachlorobutadiene

Concen: 21.314 ng/ul

RT: 11.281 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

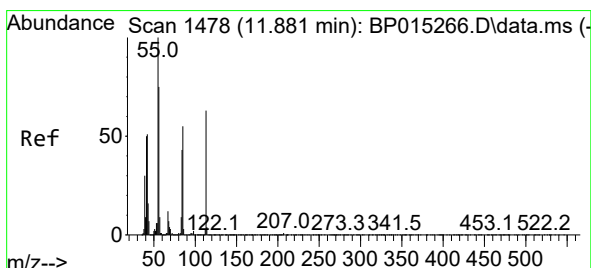
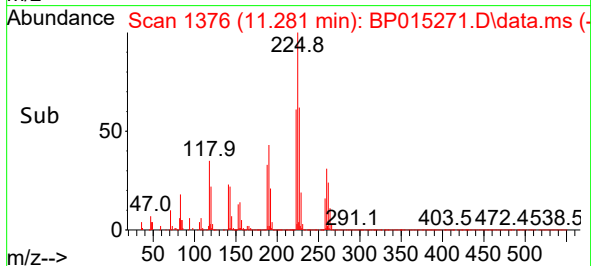
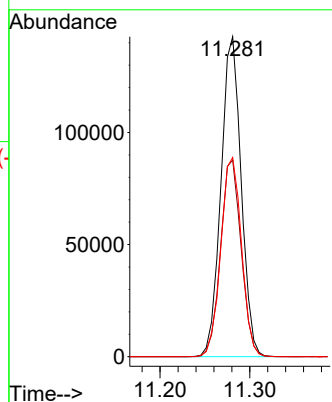
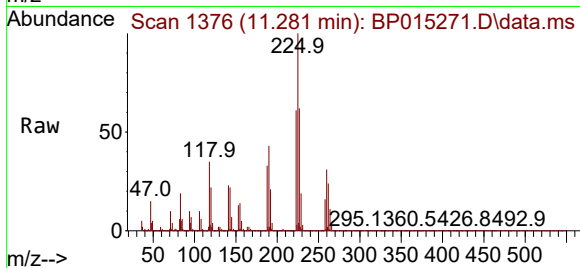
Tgt Ion:225 Resp: 222907

Ion Ratio Lower Upper

225 100

223 61.5 51.0 76.6

227 62.3 52.2 78.4



#34

Caprolactam

Concen: 16.409 ng/ul

RT: 11.887 min Scan# 1479

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

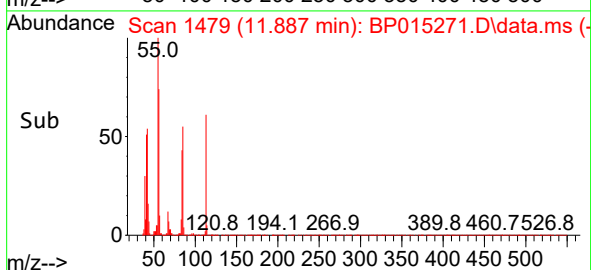
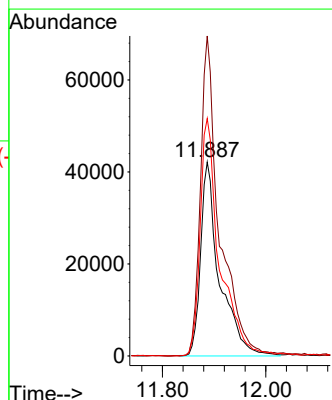
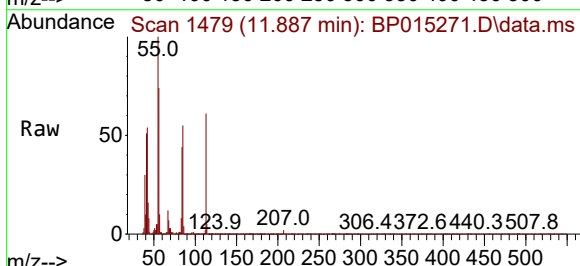
Tgt Ion:113 Resp: 107354

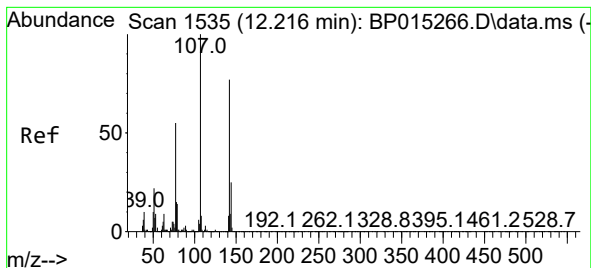
Ion Ratio Lower Upper

113 100

55 165.0 121.2 181.8

56 122.4 90.2 135.4

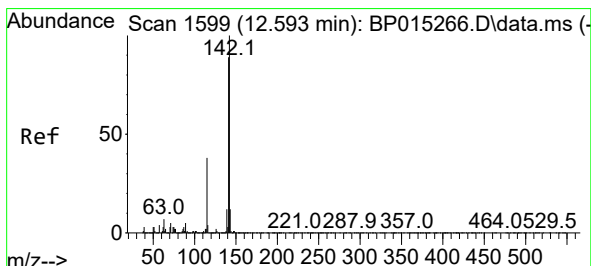
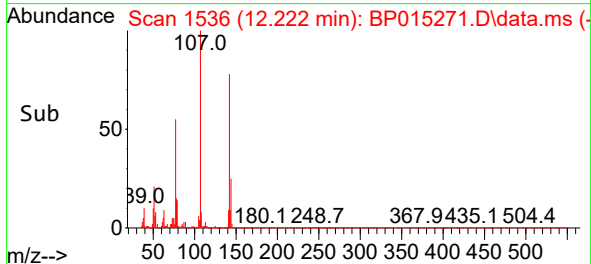
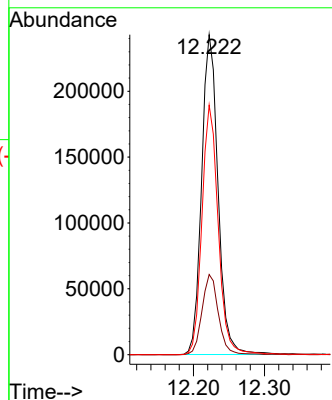
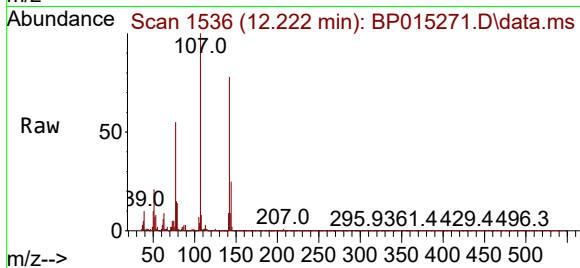




#35
4-Chloro-3-methylphenol
Concen: 19.986 ng/ul
RT: 12.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

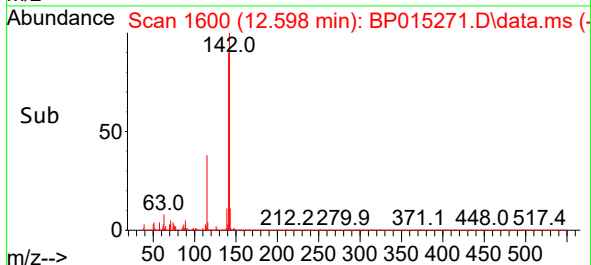
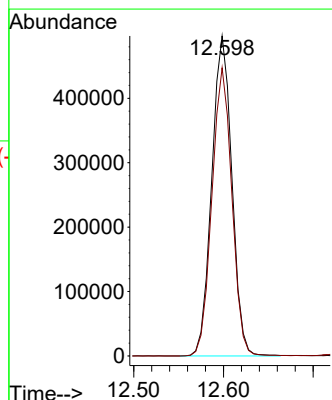
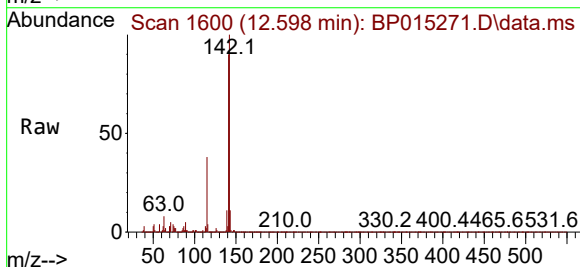
Instrument :
BNA_P
ClientSampleId :
SSTD020730

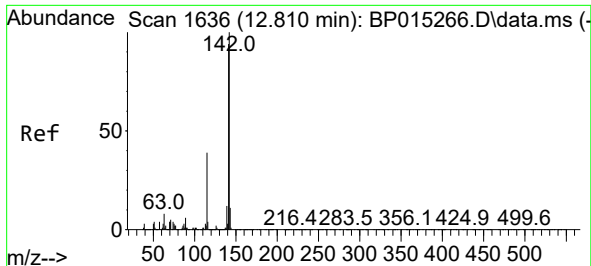
Tgt Ion:107 Resp: 391599
Ion Ratio Lower Upper
107 100
144 25.0 20.3 30.5
142 78.0 63.2 94.8



#36
2-Methylnaphthalene
Concen: 19.382 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:142 Resp: 773067
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6





#37

1-Methylnaphthalene

Concen: 19.351 ng/ul

RT: 12.816 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

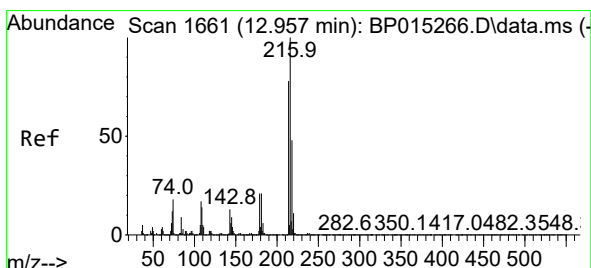
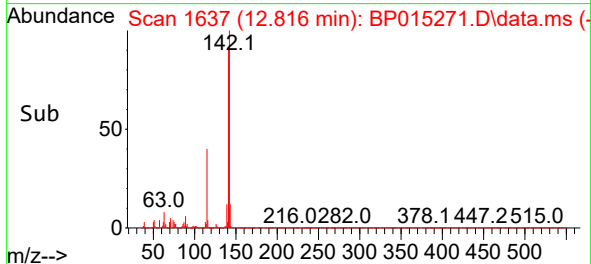
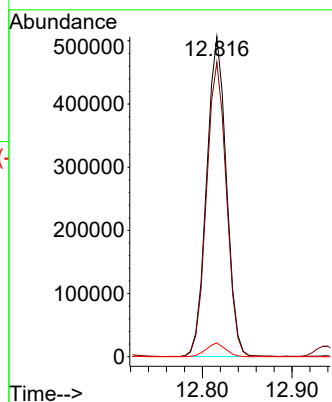
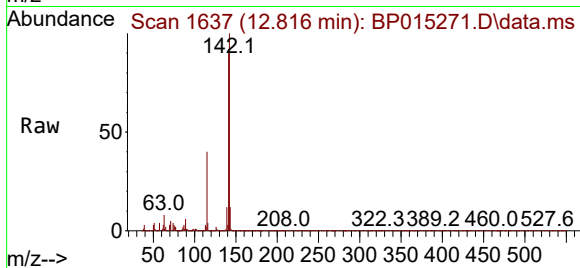
Tgt Ion:142 Resp: 775080

Ion Ratio Lower Upper

142 100

141 92.0 74.6 112.0

116 4.3 2.9 4.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.228 ng/ul

RT: 12.963 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Tgt Ion:216 Resp: 434998

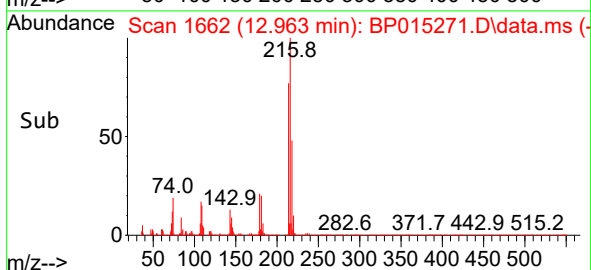
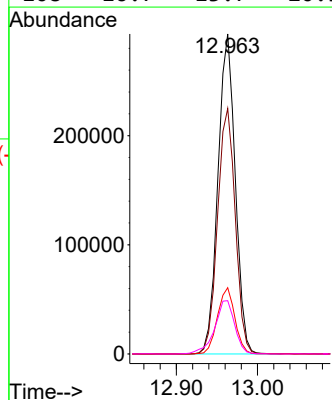
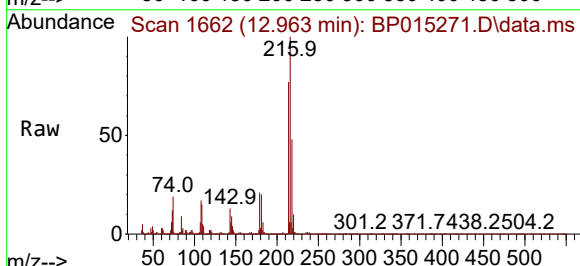
Ion Ratio Lower Upper

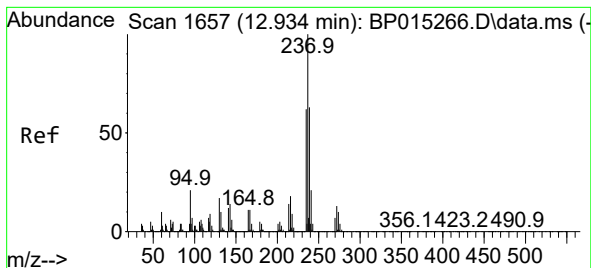
216 100

214 76.7 61.4 92.0

179 20.7 15.9 23.9

108 16.7 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 15.963 ng/ul

RT: 12.940 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

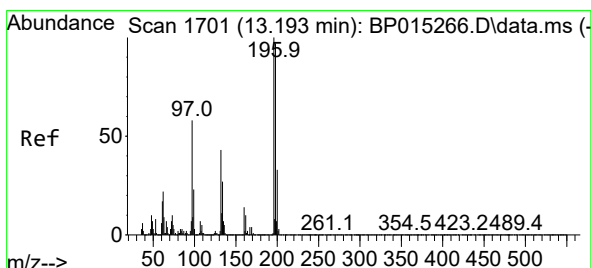
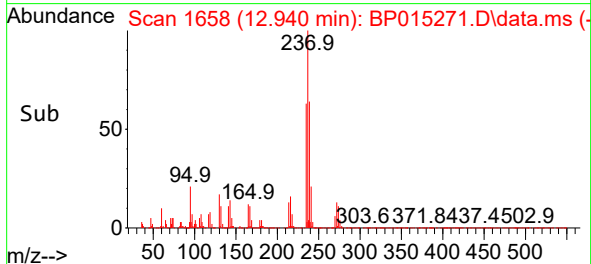
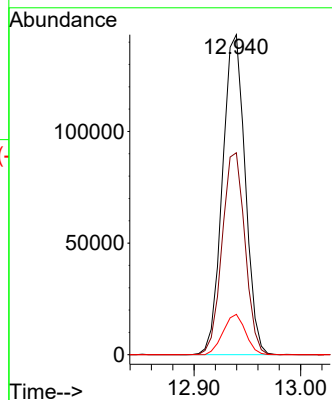
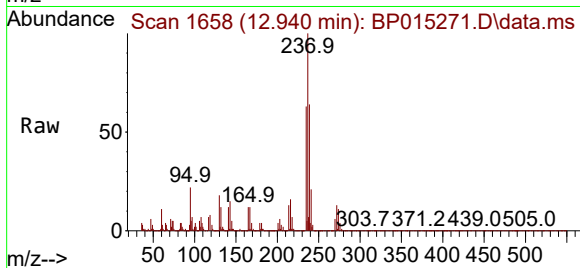
Tgt Ion:237 Resp: 211932

Ion Ratio Lower Upper

237 100

235 63.1 49.4 74.0

272 12.6 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 20.255 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

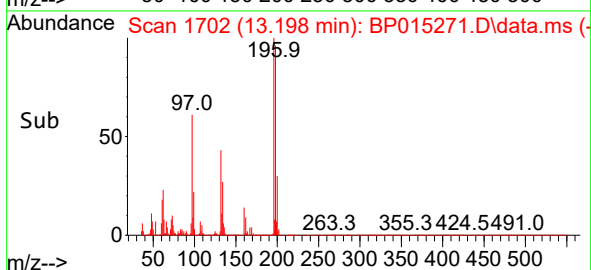
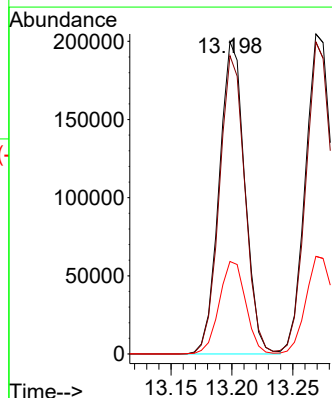
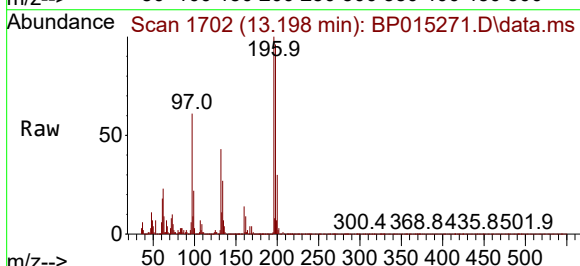
Tgt Ion:196 Resp: 293077

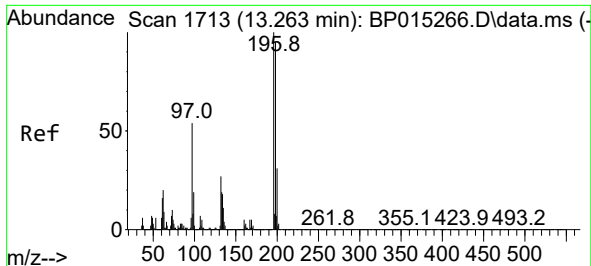
Ion Ratio Lower Upper

196 100

198 95.5 75.5 113.3

200 29.7 23.6 35.4

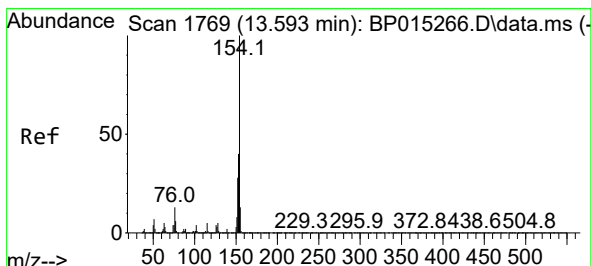
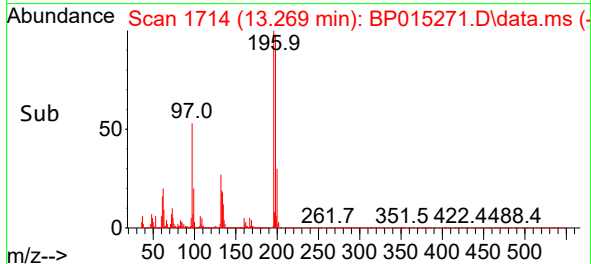
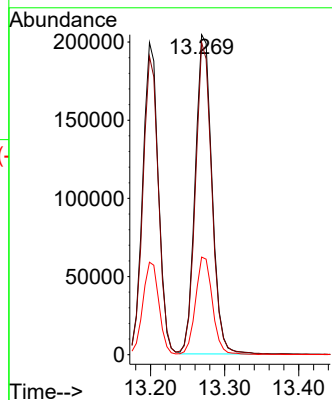
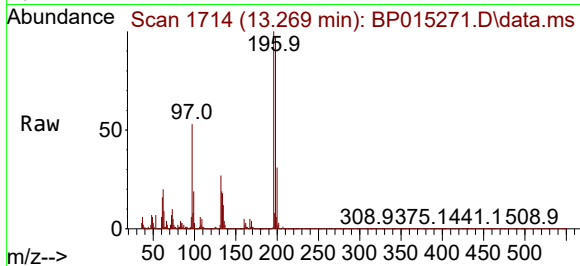




#42
2,4,5-Trichlorophenol
Concen: 20.477 ng/ul
RT: 13.269 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

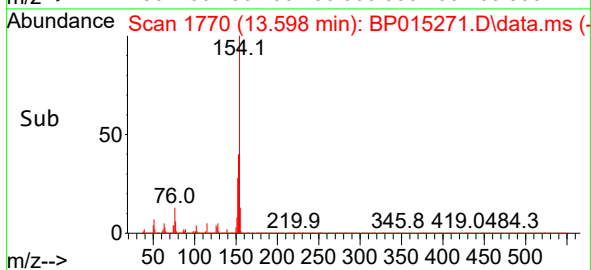
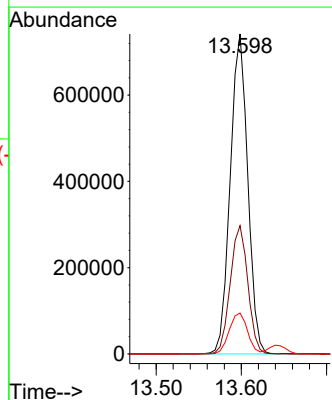
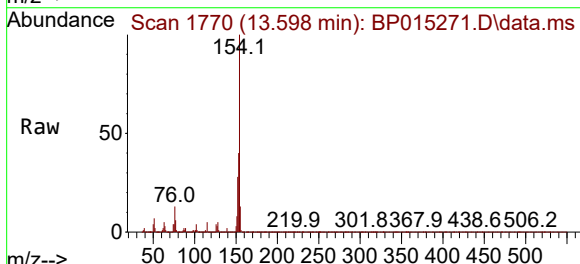
Instrument :
BNA_P
ClientSampleId :
SSTD020730

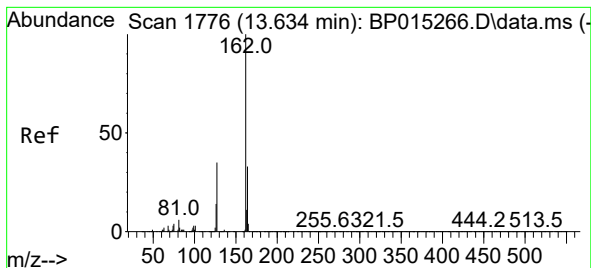
Tgt Ion:196 Resp: 321260
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.4
200 30.5 24.3 36.5



#43
1,1'-Biphenyl
Concen: 19.899 ng/ul
RT: 13.598 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:154 Resp: 1057791
Ion Ratio Lower Upper
154 100
153 40.1 32.7 49.1
76 12.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 20.169 ng/ul

RT: 13.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

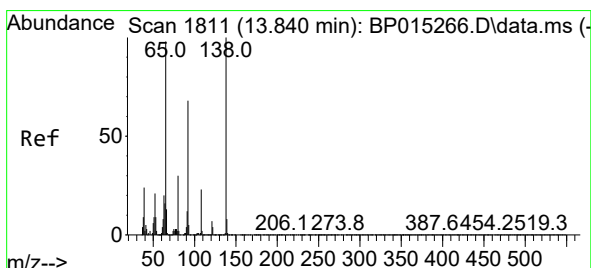
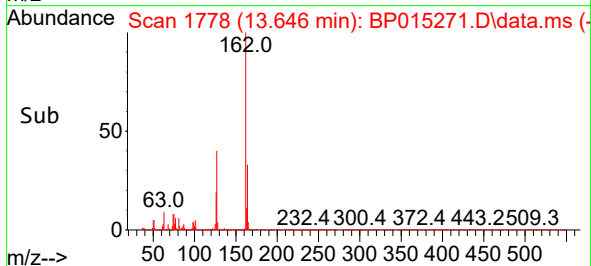
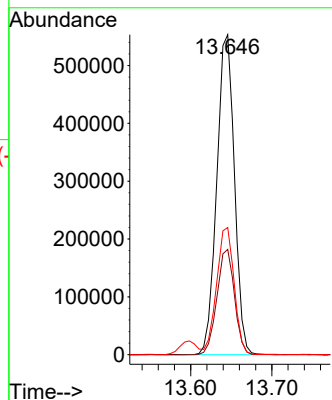
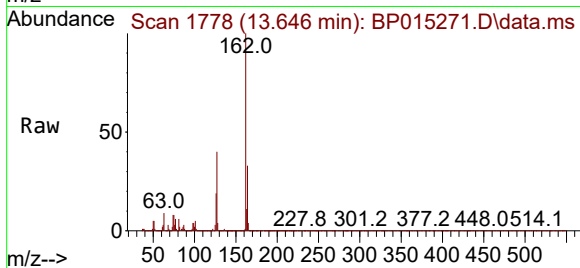
Tgt Ion:162 Resp: 837311

Ion Ratio Lower Upper

162 100

164 32.9 25.9 38.9

127 39.8 30.8 46.2



#45

2-Nitroaniline

Concen: 20.881 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

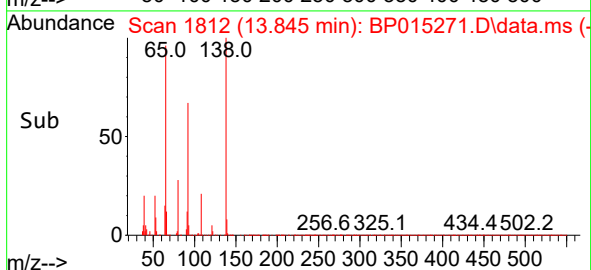
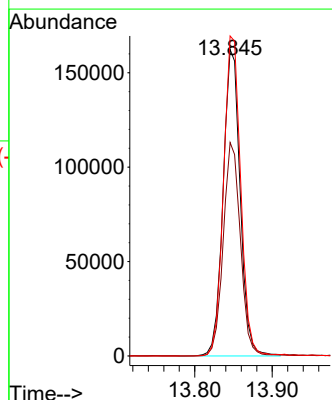
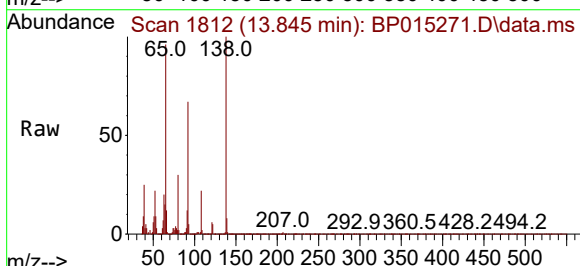
Tgt Ion: 65 Resp: 248030

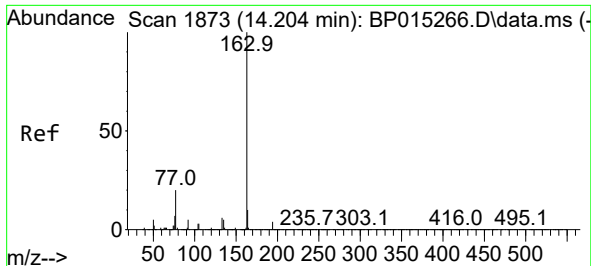
Ion Ratio Lower Upper

65 100

92 69.7 59.8 89.8

138 104.4 92.3 138.5

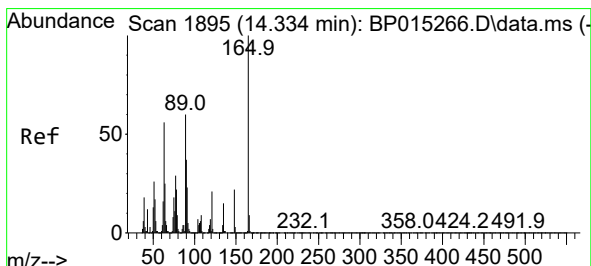
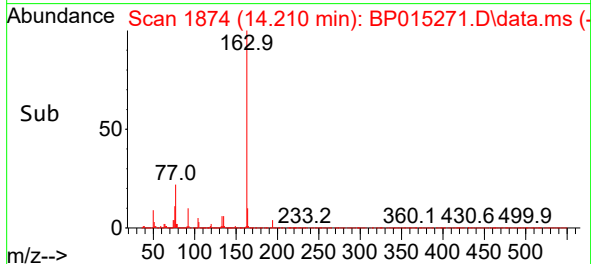
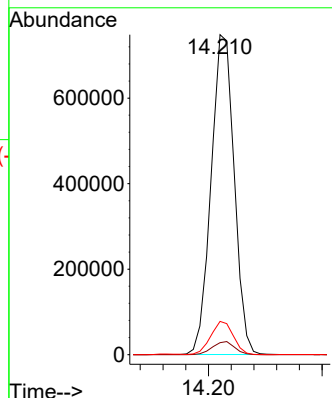
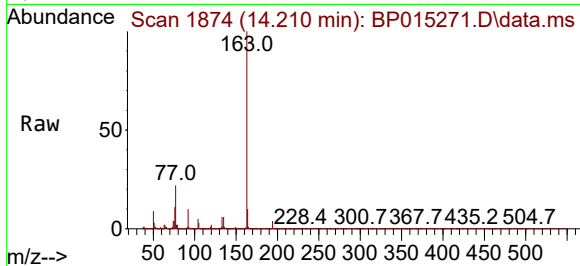




#47
Dimethylphthalate
Concen: 19.579 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

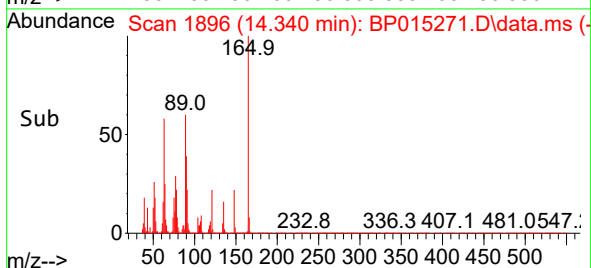
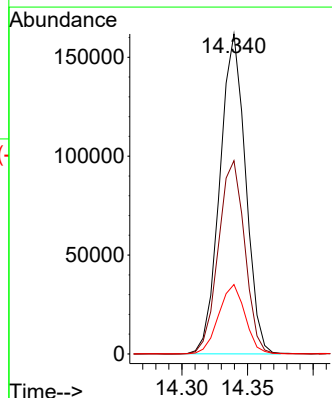
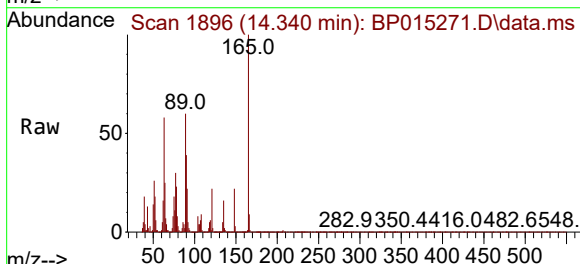
Instrument :
BNA_P
ClientSampleId :
SSTD020730

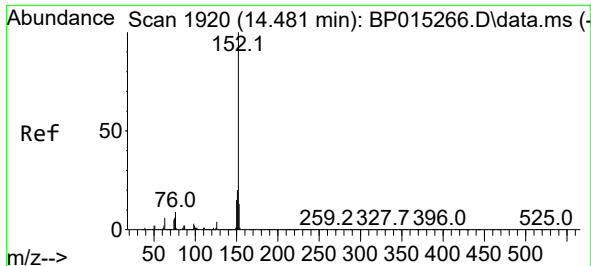
Tgt Ion:163 Resp: 1055692
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.642 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:165 Resp: 220505
Ion Ratio Lower Upper
165 100
89 60.4 48.0 72.0
121 21.7 17.5 26.3

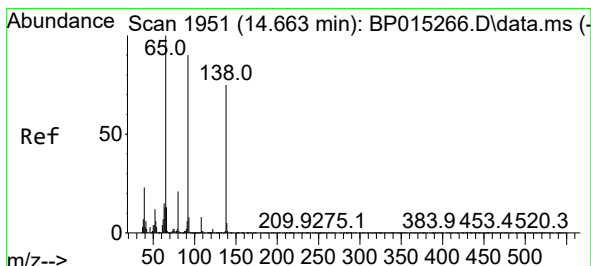
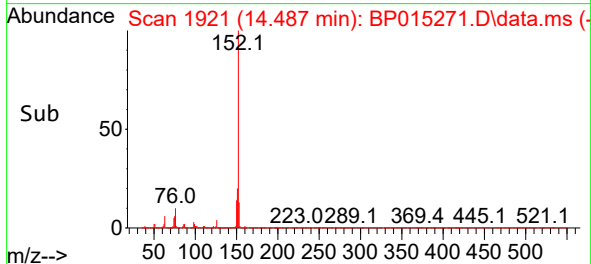
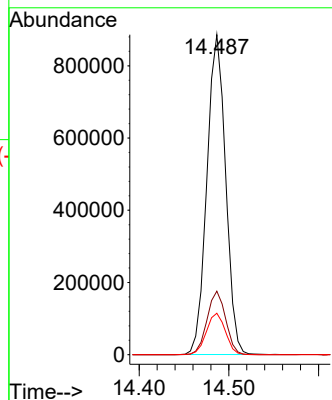
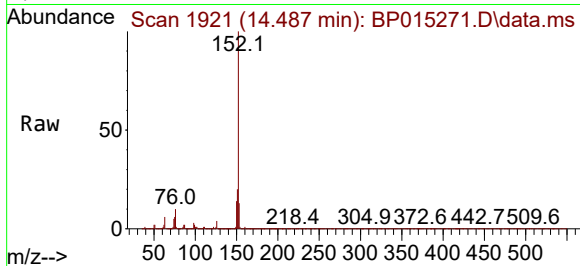




#50
Acenaphthylene
Concen: 19.458 ng/ul
RT: 14.487 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

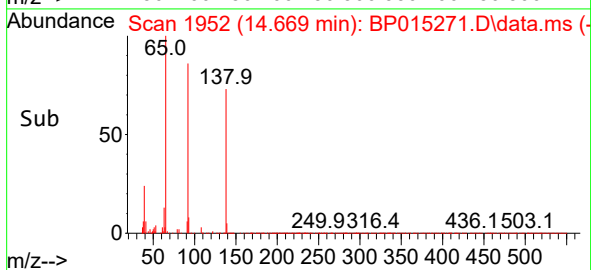
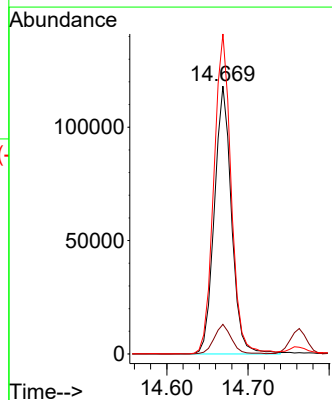
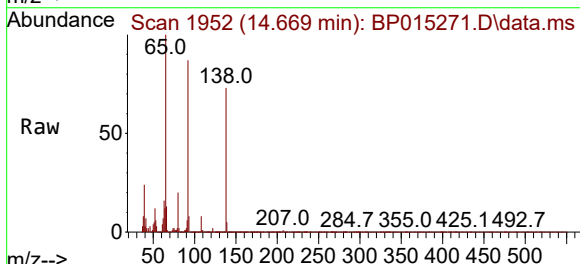
Instrument :
BNA_P
ClientSampleId :
SSTD020730

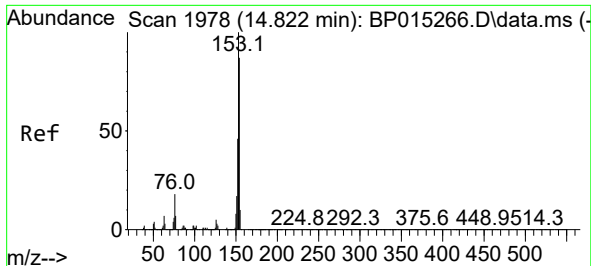
Tgt Ion:152 Resp: 1285592
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 18.031 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:138 Resp: 173438
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 119.4 93.4 140.0

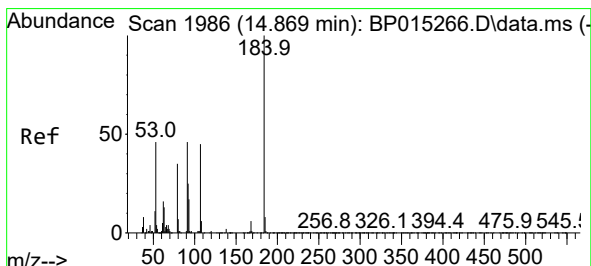
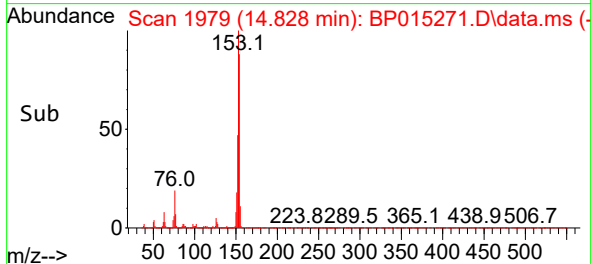
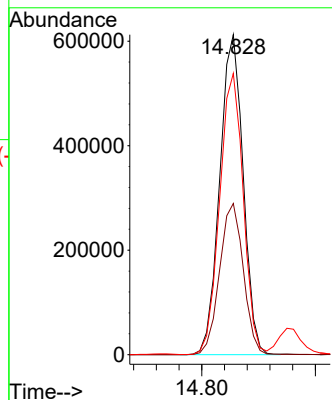
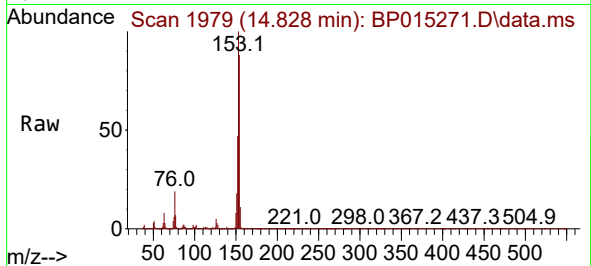




#52
Acenaphthene
Concen: 19.405 ng/ul
RT: 14.828 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

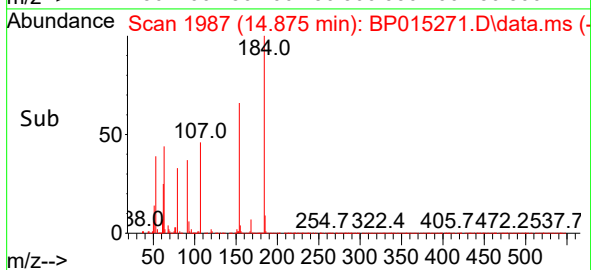
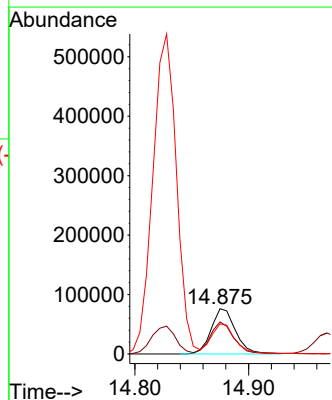
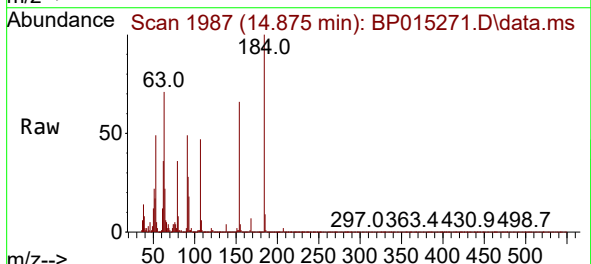
Instrument :
BNA_P
ClientSampleId :
SSTD020730

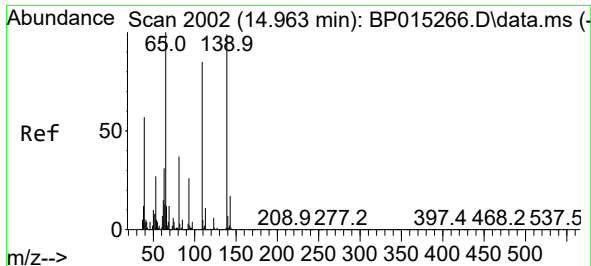
Tgt Ion:153 Resp: 875654
Ion Ratio Lower Upper
153 100
152 47.3 38.0 57.0
154 87.9 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 16.026 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:184 Resp: 113669
Ion Ratio Lower Upper
184 100
63 70.6 49.7 74.5
154 66.4 47.5 71.3

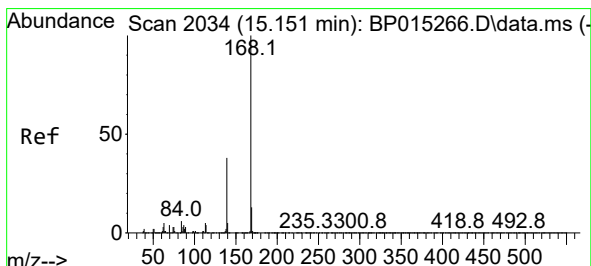
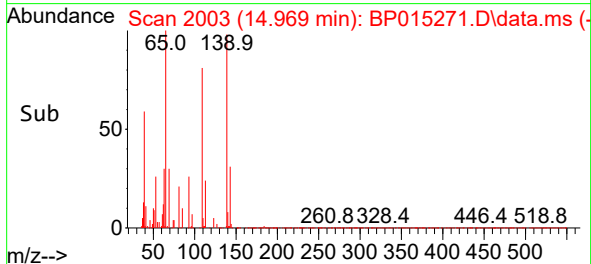
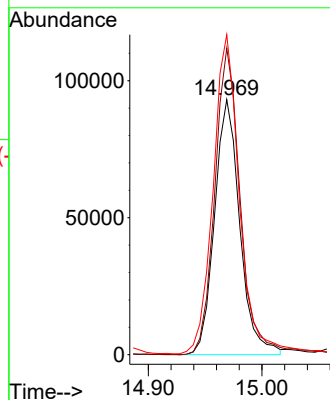
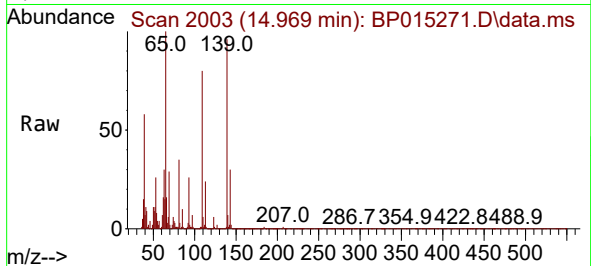




#55
4-Nitrophenol
Concen: 19.464 ng/ul
RT: 14.969 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

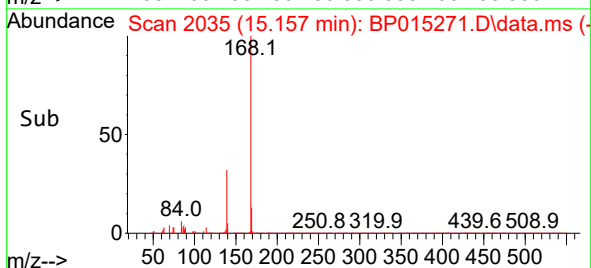
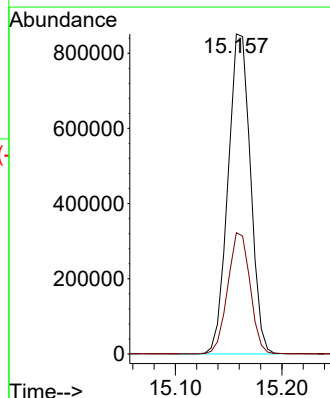
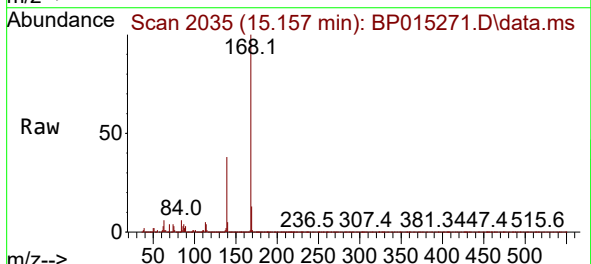
Instrument :
BNA_P
ClientSampleId :
SSTD020730

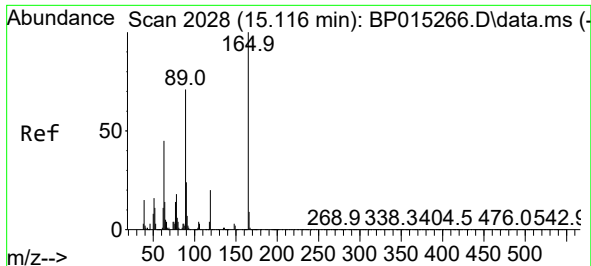
Tgt Ion:109 Resp: 143922
Ion Ratio Lower Upper
109 100
139 120.2 115.3 172.9
65 125.5 107.9 161.9



#56
Dibenzofuran
Concen: 19.899 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:168 Resp: 1248986
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0

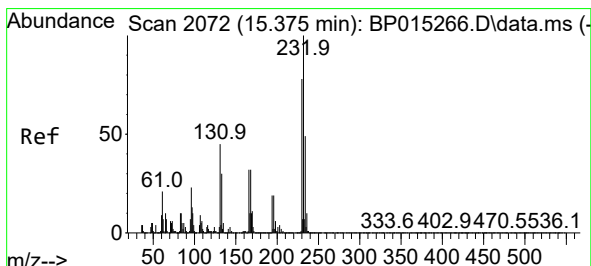
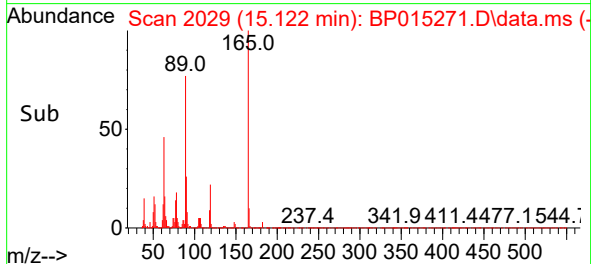
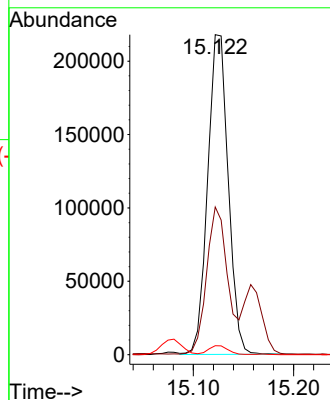
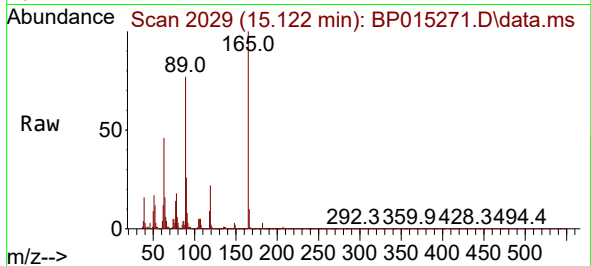




#57
2,4-Dinitrotoluene
Concen: 20.064 ng/ul
RT: 15.122 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

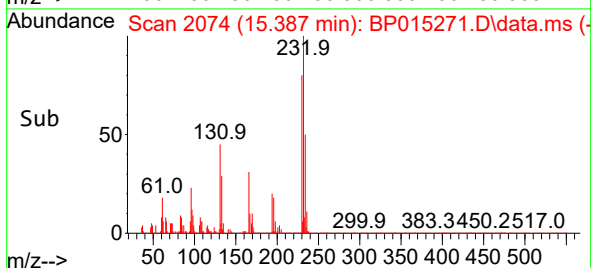
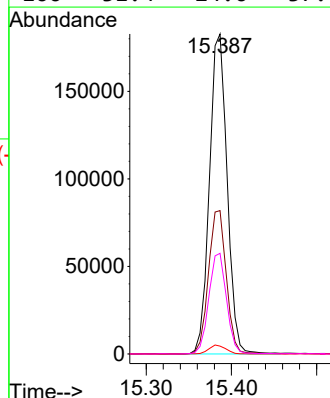
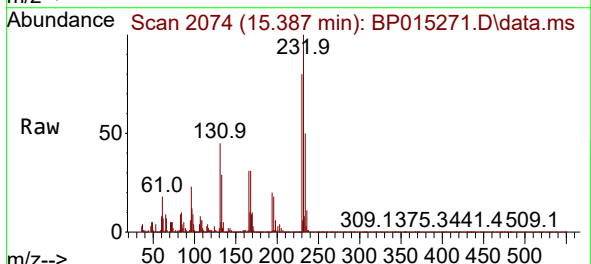
Instrument :
BNA_P
ClientSampleId :
SSTD020730

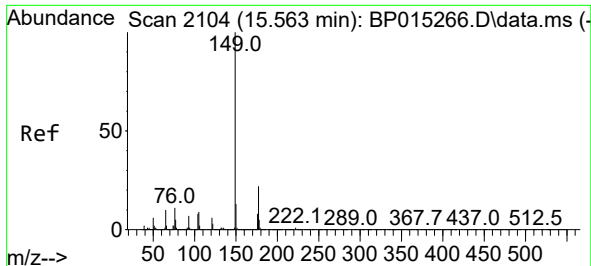
Tgt Ion:165 Resp: 310136
Ion Ratio Lower Upper
165 100
63 46.2 33.1 49.7
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.892 ng/ul
RT: 15.387 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:232 Resp: 263390
Ion Ratio Lower Upper
232 100
131 44.8 36.8 55.2
130 2.4 1.9 2.9
166 31.4 24.6 37.0

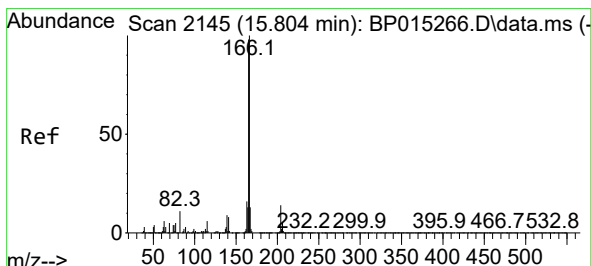
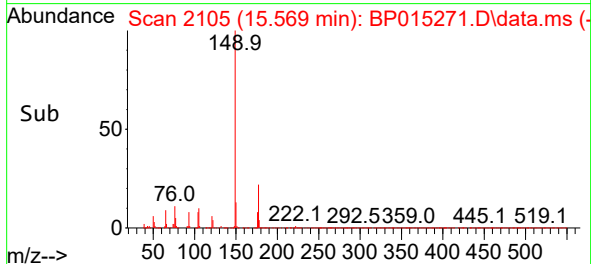
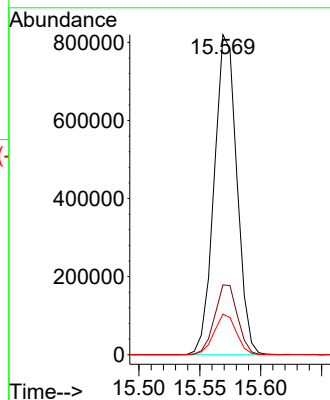
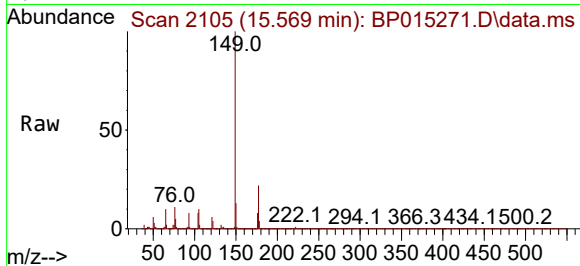




#59
Diethylphthalate
Concen: 19.751 ng/ul
RT: 15.569 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

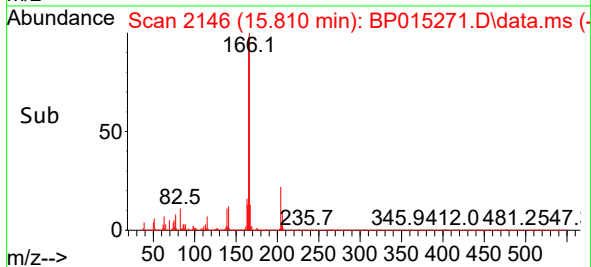
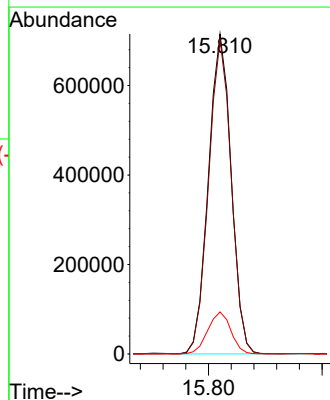
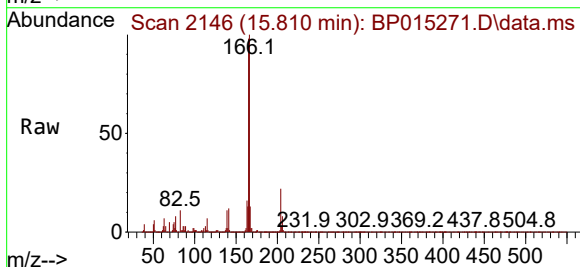
Instrument :
BNA_P
ClientSampleId :
SSTD020730

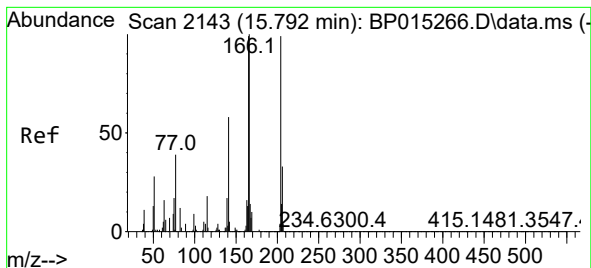
Tgt Ion:149 Resp: 1062154
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.6 9.8 14.8



#61
Fluorene
Concen: 19.672 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:166 Resp: 992265
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 13.2 10.6 15.8

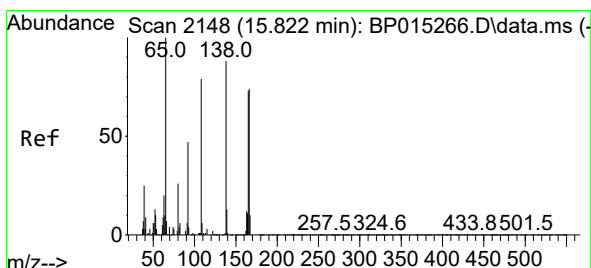
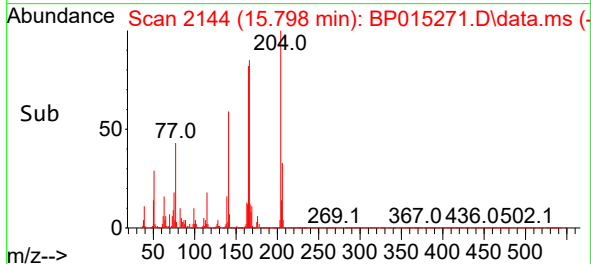
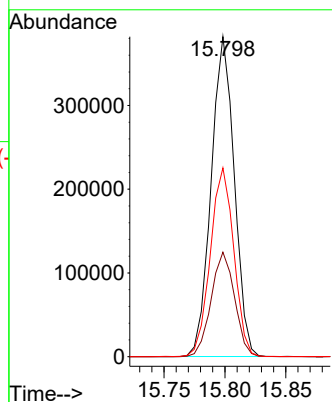
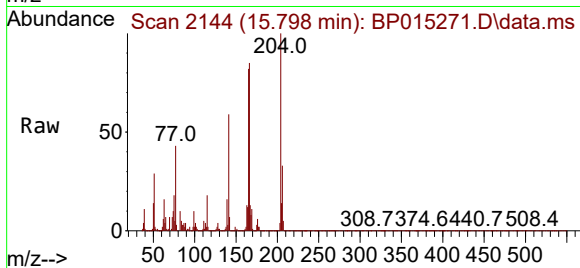




#62
4-Chlorophenyl-phenylether
Concen: 20.479 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

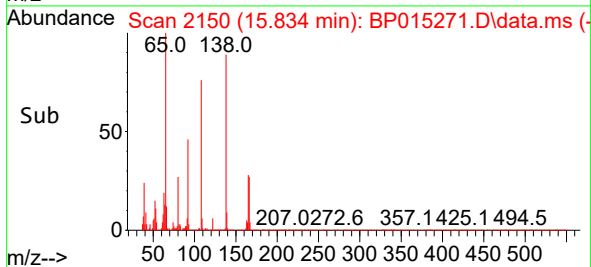
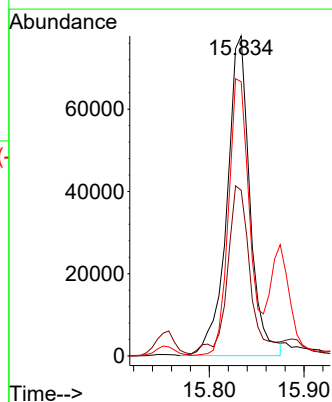
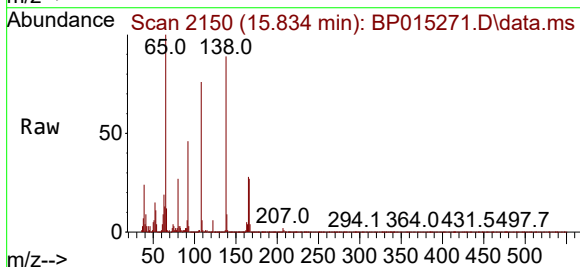
Instrument :
BNA_P
ClientSampleId :
SSTD020730

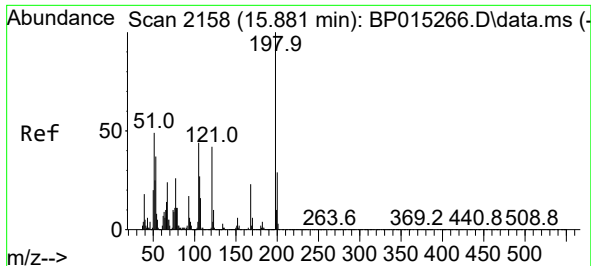
Tgt Ion:204 Resp: 504705
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 59.0 44.5 66.7



#63
4-Nitroaniline
Concen: 15.785 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:138 Resp: 131117
Ion Ratio Lower Upper
138 100
92 51.8 41.2 61.8
108 85.7 60.1 90.1

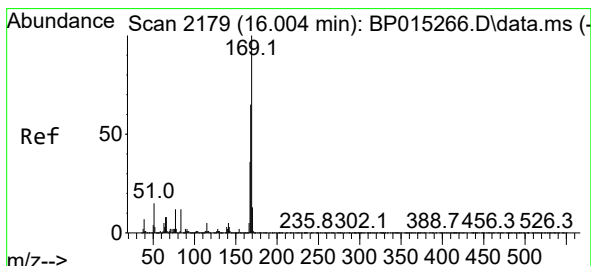
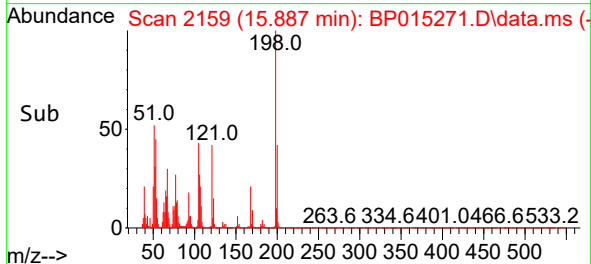
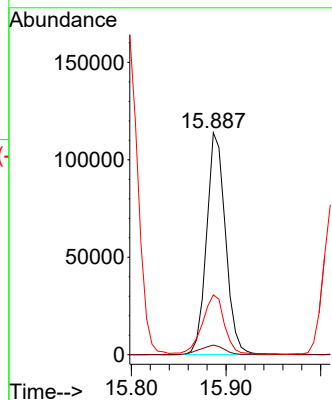
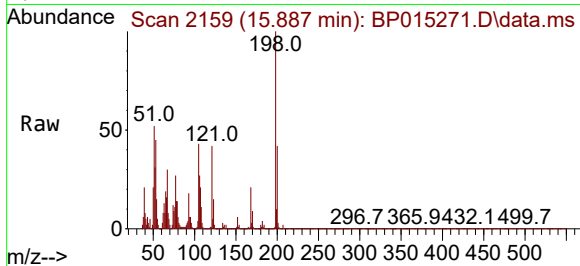




#66
4,6-Dinitro-2-methylphenol
Concen: 16.513 ng/ul
RT: 15.887 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

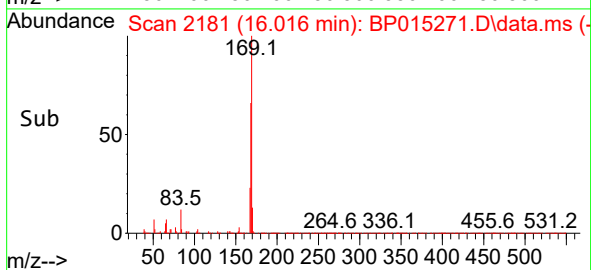
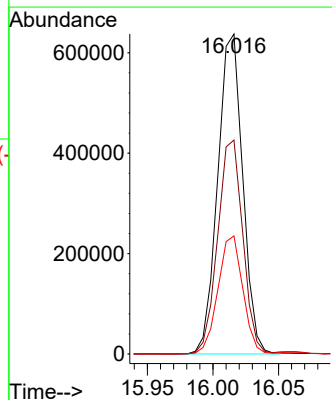
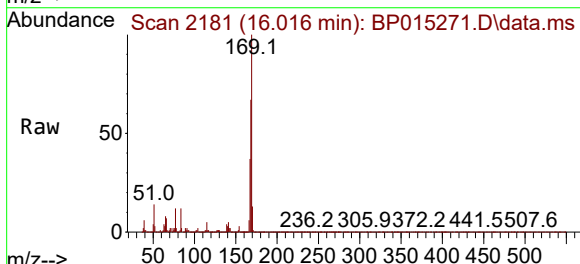
Instrument :
BNA_P
ClientSampleId :
SSTD020730

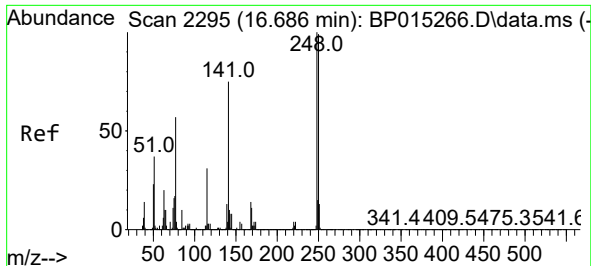
Tgt Ion:198 Resp: 157692
Ion Ratio Lower Upper
198 100
182 4.4 3.7 5.5
77 27.0 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 19.581 ng/ul
RT: 16.016 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:169 Resp: 845374
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.9 28.9 43.3

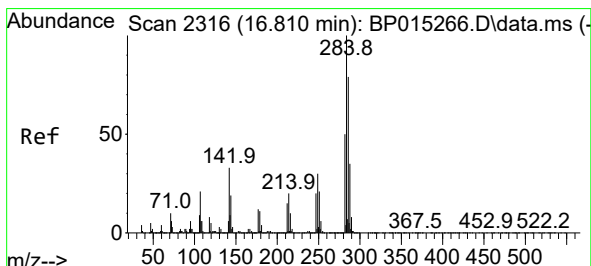
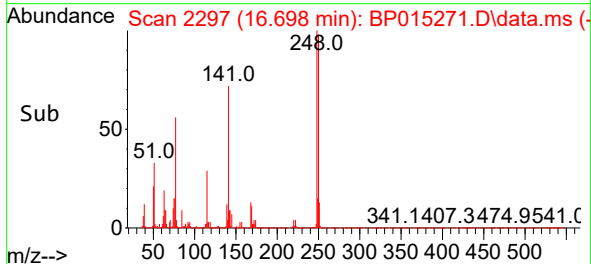
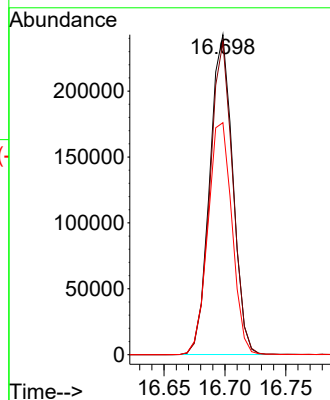
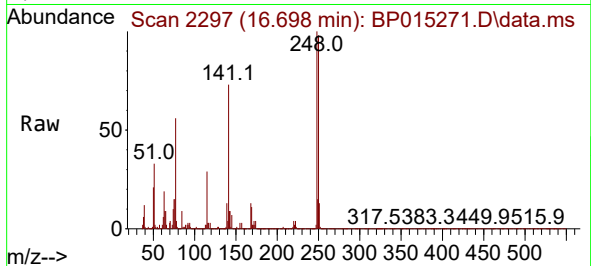




#68
4-Bromophenyl-phenylether
Concen: 21.166 ng/ul
RT: 16.698 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

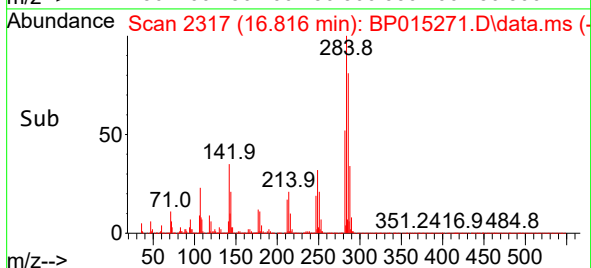
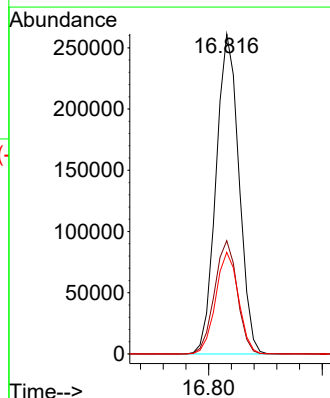
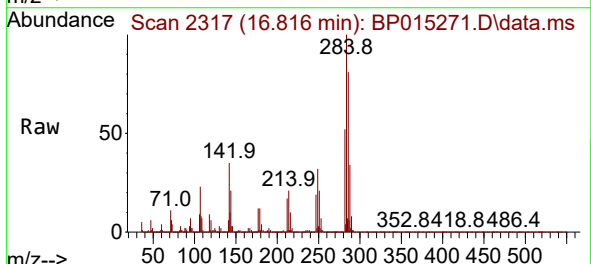
Instrument :
BNA_P
ClientSampleId :
SSTD020730

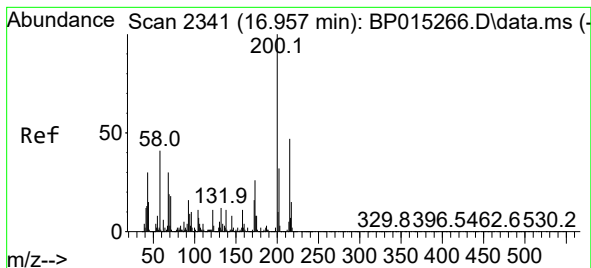
Tgt Ion:248 Resp: 320103
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 72.5 58.6 87.8



#69
Hexachlorobenzene
Concen: 20.512 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:284 Resp: 366592
Ion Ratio Lower Upper
284 100
142 35.4 27.3 40.9
249 31.7 24.6 36.8





#70

Atrazine

Concen: 19.975 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

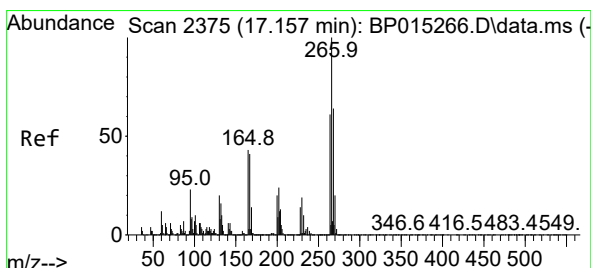
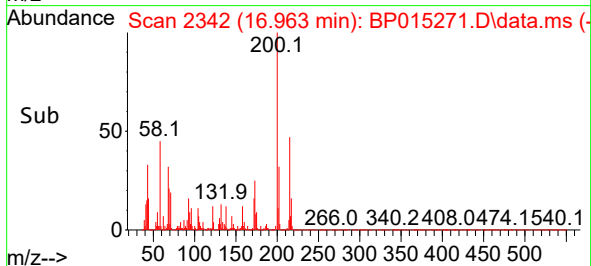
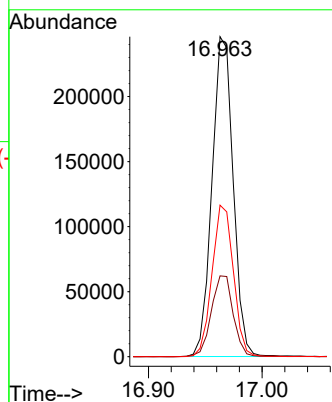
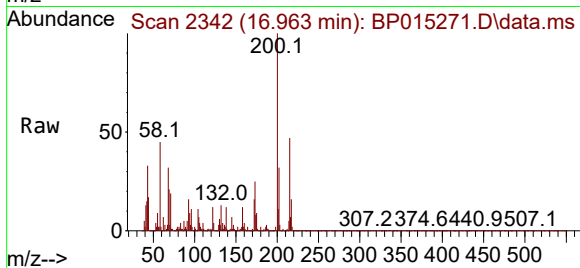
Tgt Ion:200 Resp: 318754

Ion Ratio Lower Upper

200 100

173 25.2 21.4 32.2

215 47.3 38.1 57.1



#71

Pentachlorophenol

Concen: 17.328 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

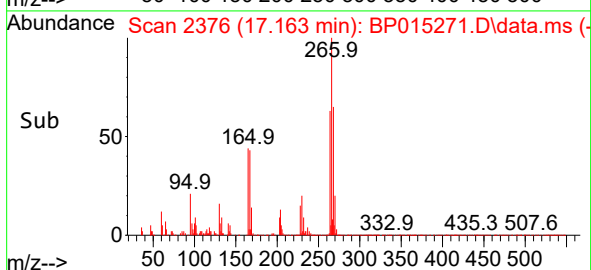
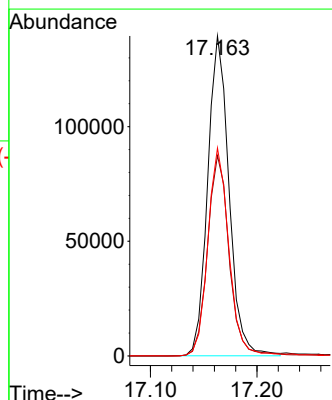
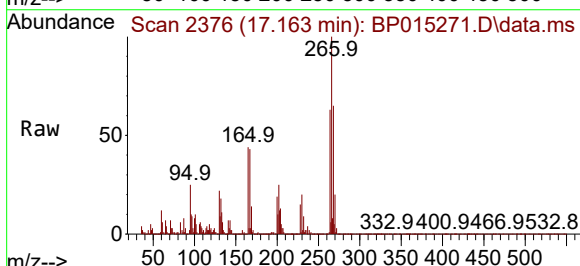
Tgt Ion:266 Resp: 193714

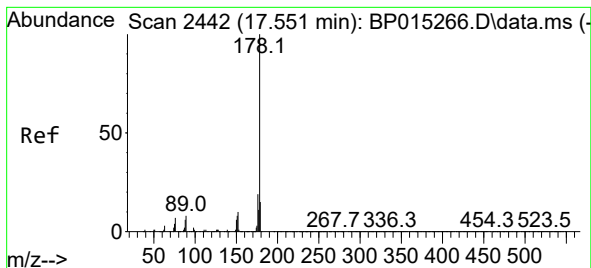
Ion Ratio Lower Upper

266 100

264 62.6 51.0 76.4

268 65.0 51.8 77.6





#72

Phenanthrene

Concen: 19.340 ng/ul

RT: 17.563 min Scan# 2444

Delta R.T. 0.012 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

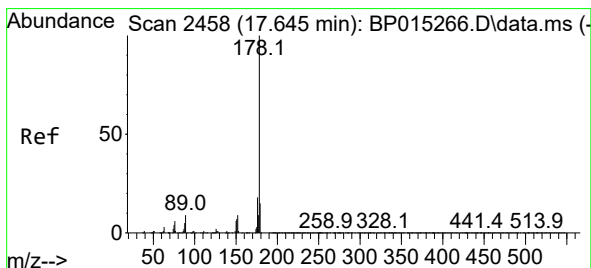
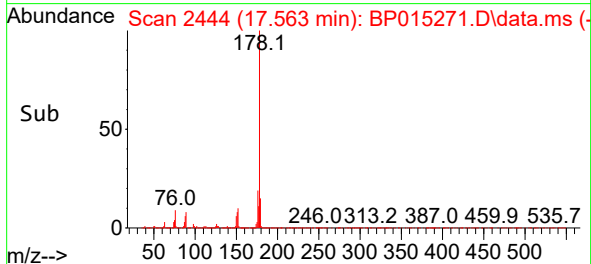
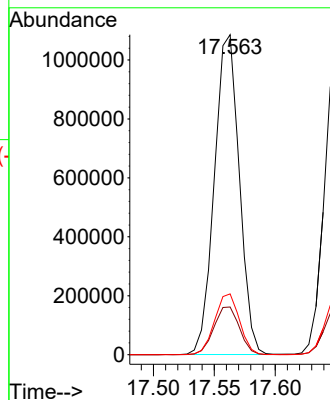
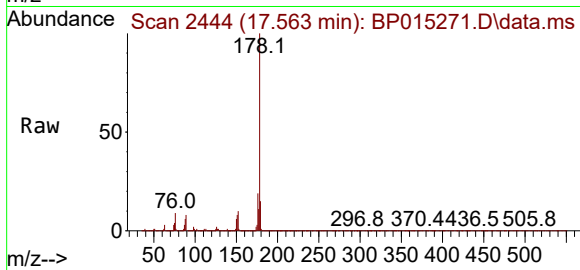
Tgt Ion:178 Resp: 1546280

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

176 19.0 15.6 23.4



#74

Anthracene

Concen: 19.125 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

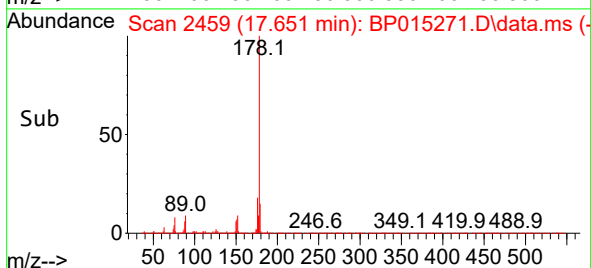
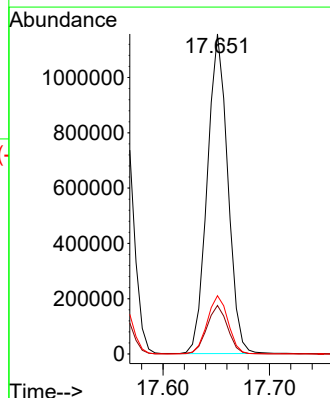
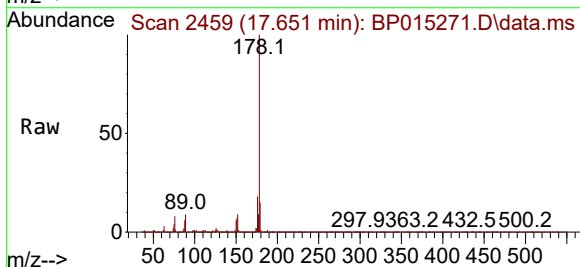
Tgt Ion:178 Resp: 1546229

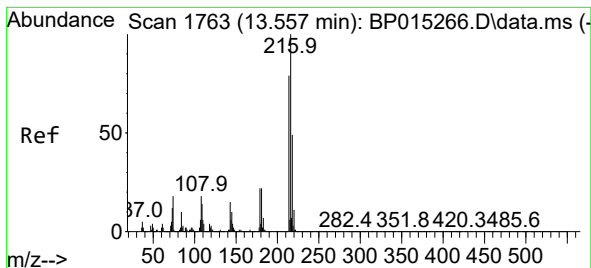
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.2 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.161 ng/uL

RT: 13.563 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

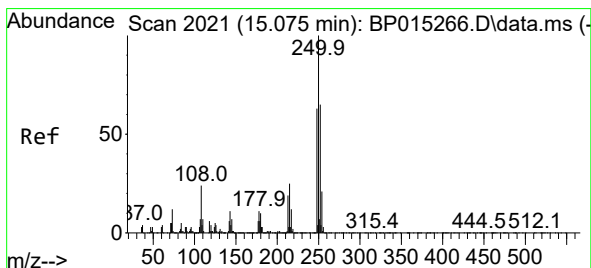
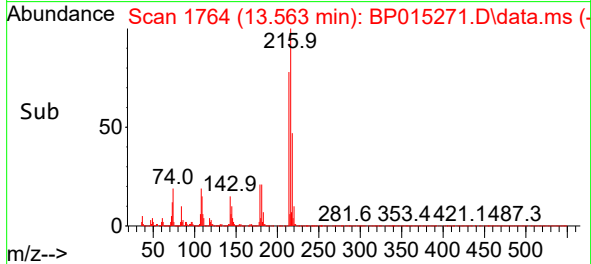
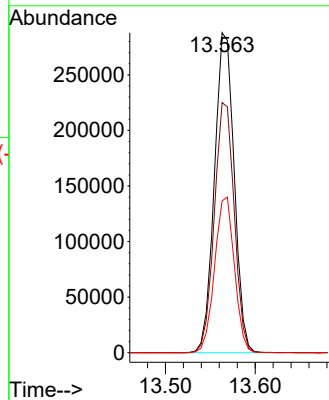
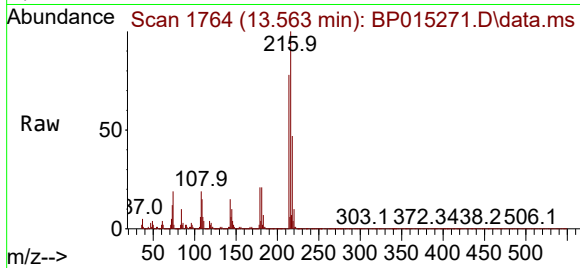
Tgt Ion:216 Resp: 440531

Ion Ratio Lower Upper

216 100

214 78.2 62.2 93.4

218 47.5 38.2 57.2



#76

Pentachlorobenzene

Concen: 21.060 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

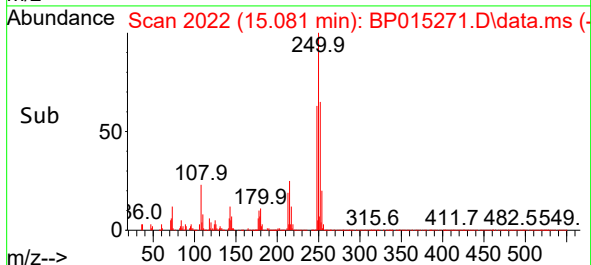
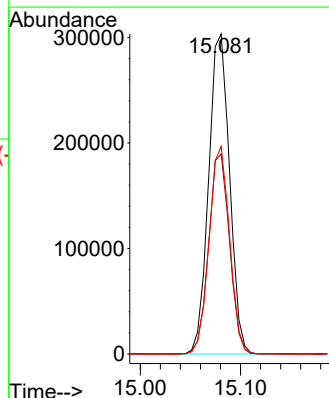
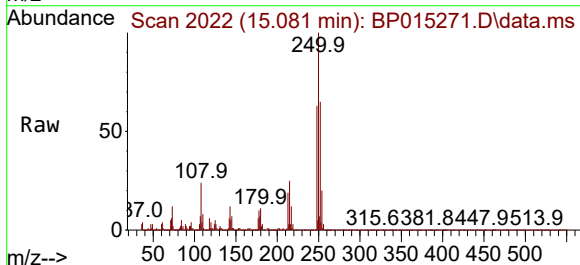
Tgt Ion:250 Resp: 440204

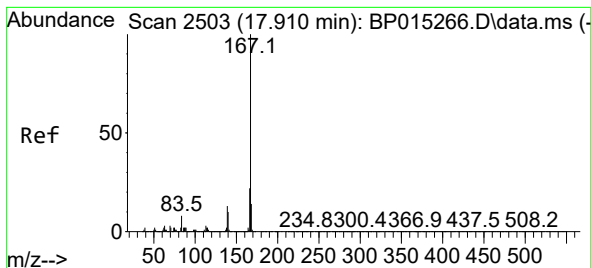
Ion Ratio Lower Upper

250 100

248 62.6 49.8 74.6

252 64.9 51.6 77.4





#77

Carbazole

Concen: 18.710 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

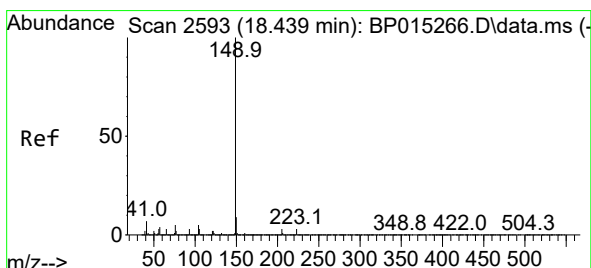
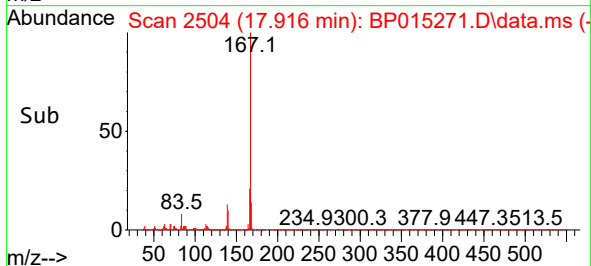
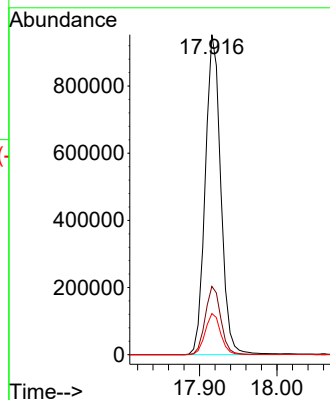
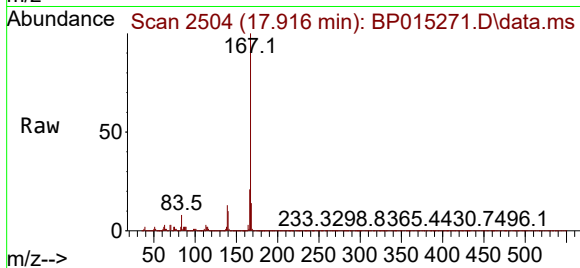
Tgt Ion:167 Resp: 1326452

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 12.9 10.2 15.4



#78

Di-n-butylphthalate

Concen: 19.800 ng/ul

RT: 18.451 min Scan# 2595

Delta R.T. 0.012 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

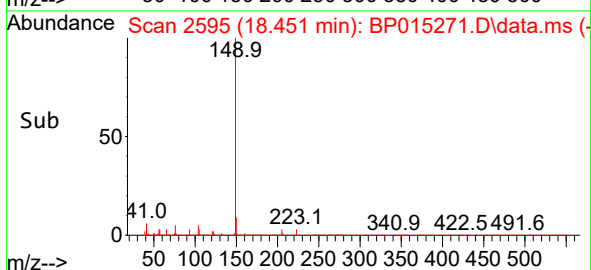
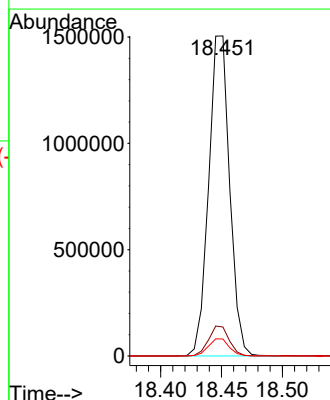
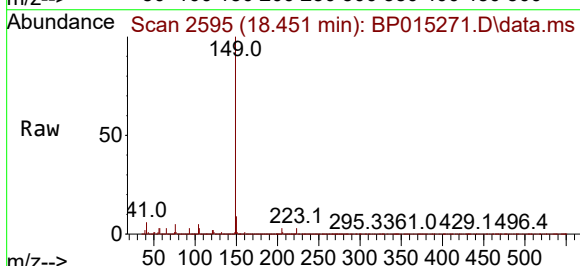
Tgt Ion:149 Resp: 1807679

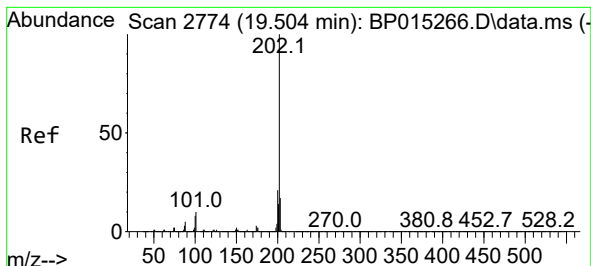
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 22.593 ng/ul

RT: 19.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

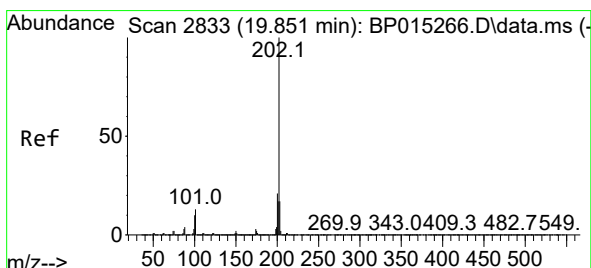
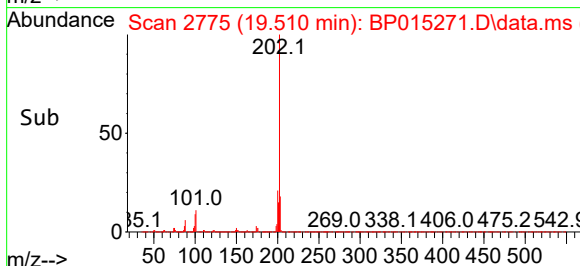
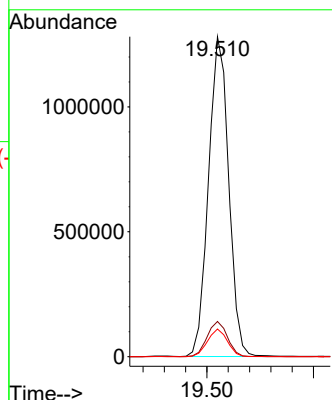
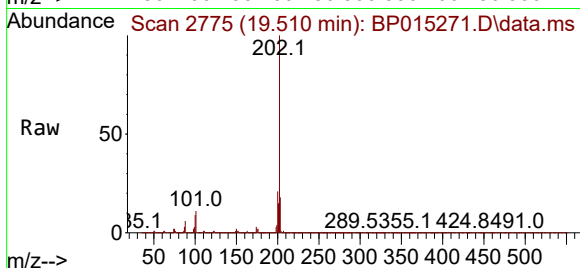
Tgt Ion:202 Resp: 1691186

Ion Ratio Lower Upper

202 100

101 11.0 9.5 14.3

100 8.6 7.3 10.9



#82

Pyrene

Concen: 22.130 ng/ul

RT: 19.863 min Scan# 2835

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

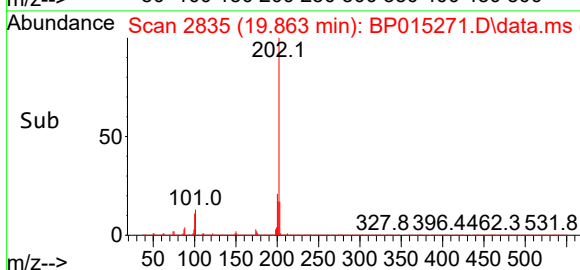
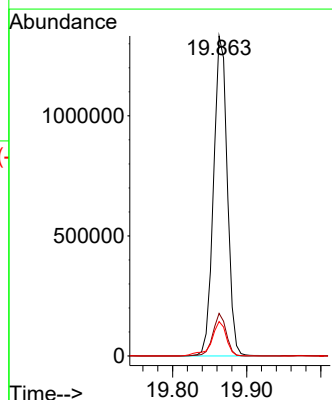
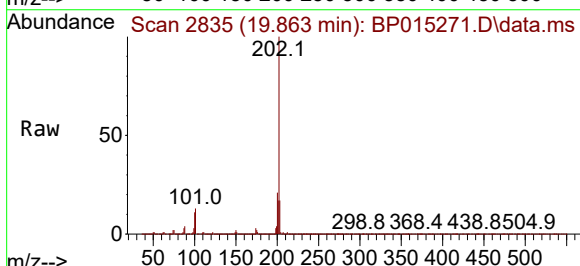
Tgt Ion:202 Resp: 1710657

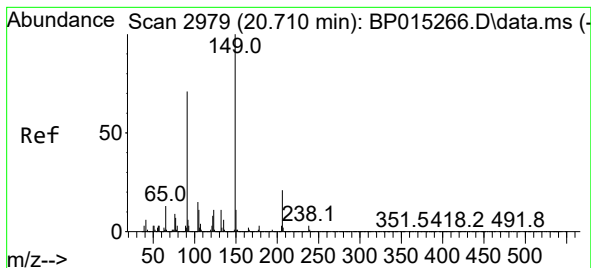
Ion Ratio Lower Upper

202 100

101 13.3 11.2 16.8

100 10.7 9.0 13.6





#83

Butylbenzylphthalate

Concen: 21.347 ng/ul

RT: 20.716 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

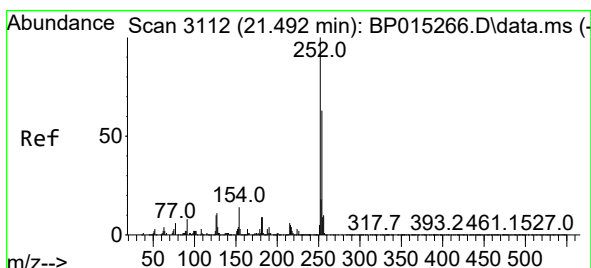
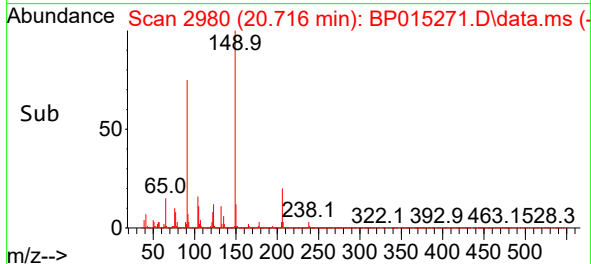
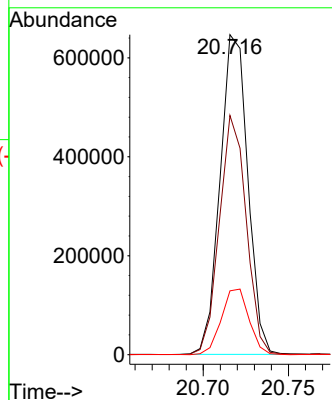
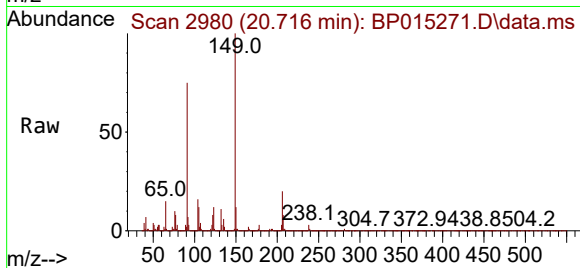
Tgt Ion:149 Resp: 731510

Ion Ratio Lower Upper

149 100

91 74.7 57.4 86.2

206 19.9 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 17.448 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. 0.012 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

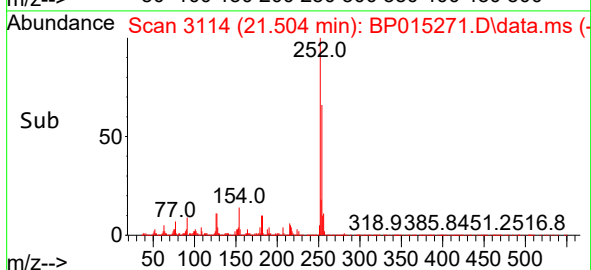
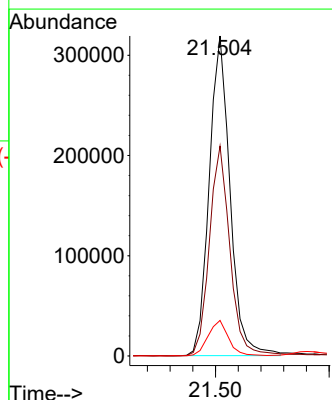
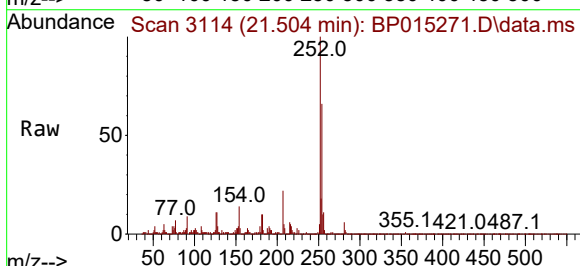
Tgt Ion:252 Resp: 405776

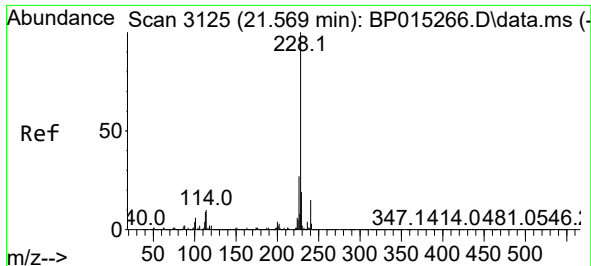
Ion Ratio Lower Upper

252 100

254 65.6 50.8 76.2

126 11.1 9.8 14.8

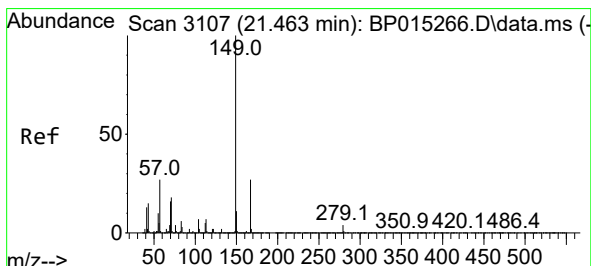
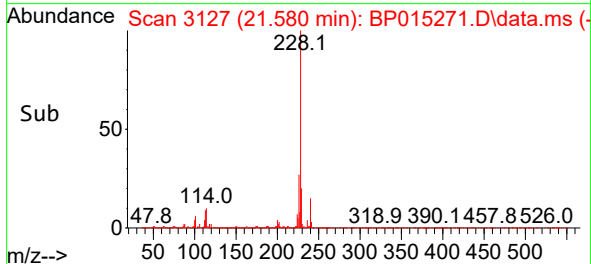
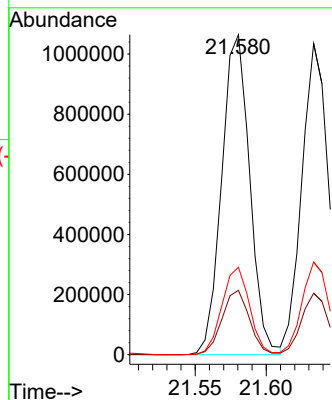
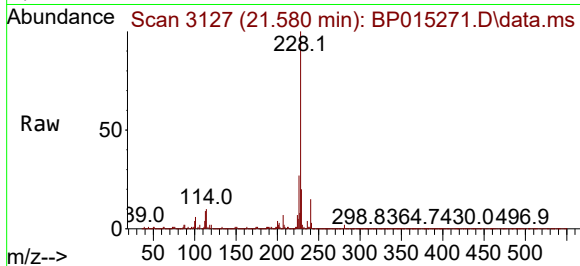




#85
Benzo(a)anthracene
Concen: 19.964 ng/ul
RT: 21.580 min Scan# 3125
Delta R.T. 0.012 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

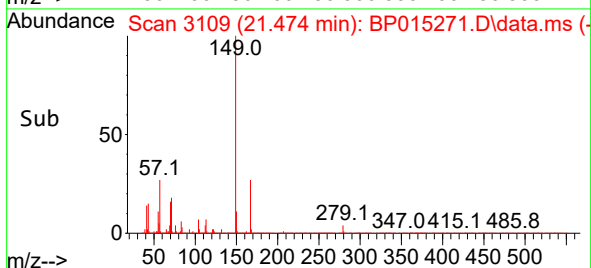
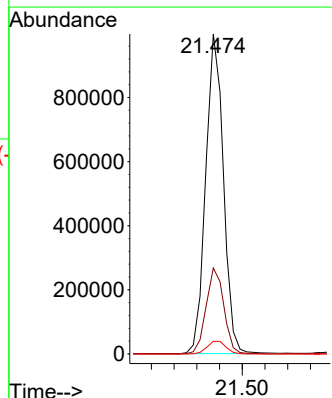
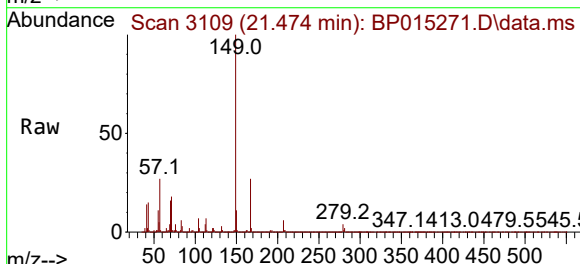
Instrument :
BNA_P
ClientSampleId :
SSTD020730

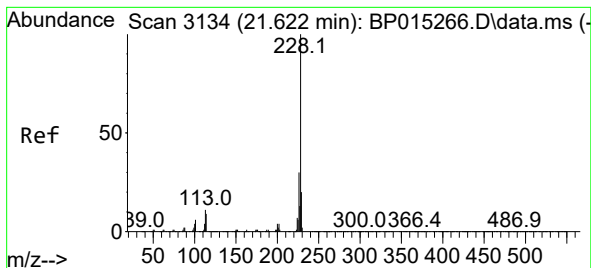
Tgt Ion:228 Resp: 1461717
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.3 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 21.836 ng/ul
RT: 21.474 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BP015271.D
Acq: 24 May 2023 12:34

Tgt Ion:149 Resp: 1077270
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 4.0 3.2 4.8





#87

Chrysene

Concen: 19.221 ng/ul

RT: 21.633 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

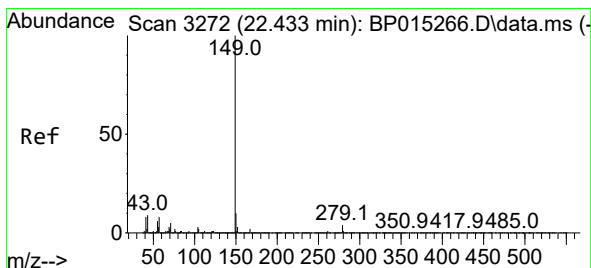
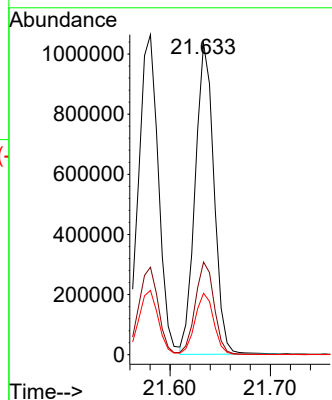
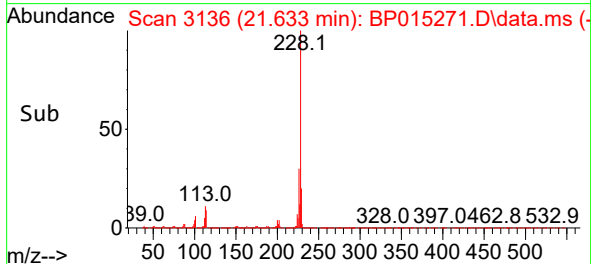
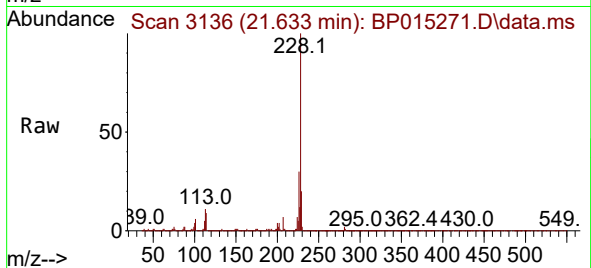
Tgt Ion:228 Resp: 1345266

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 19.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 21.542 ng/ul

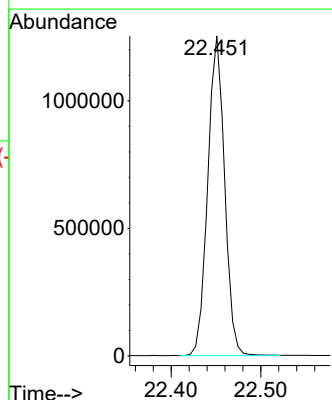
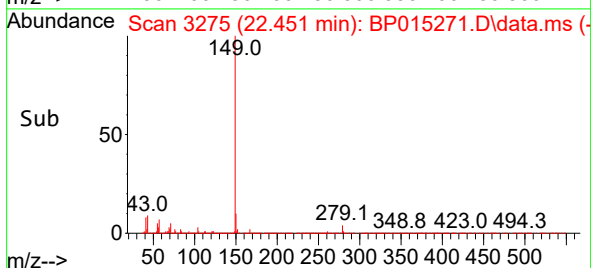
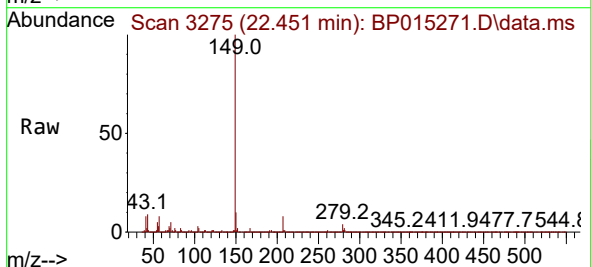
RT: 22.451 min Scan# 3275

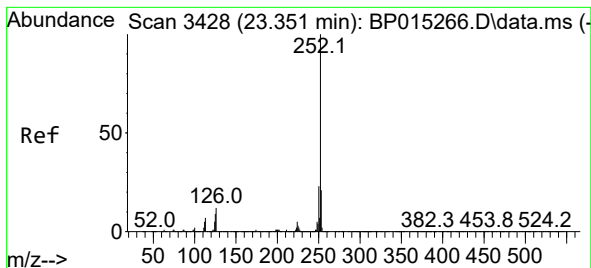
Delta R.T. 0.012 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Tgt Ion:149 Resp: 1633117





#90

Benzo(b)fluoranthene

Concen: 19.803 ng/ul

RT: 23.369 min Scan# 3428

Delta R.T. 0.018 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

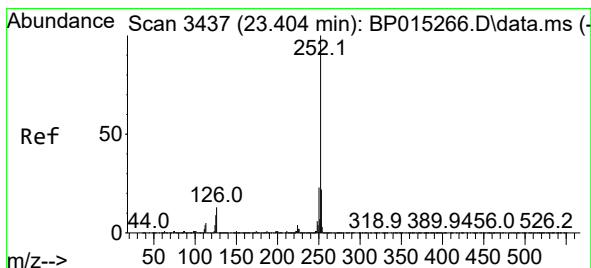
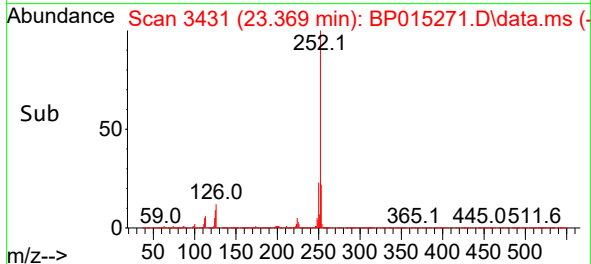
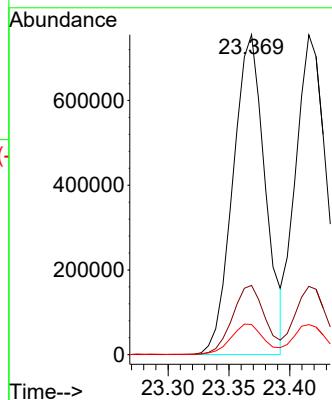
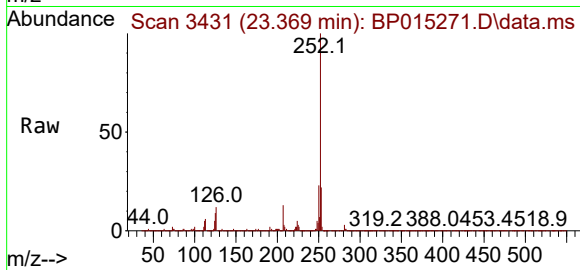
Tgt Ion:252 Resp: 1389682

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.4 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 19.753 ng/ul

RT: 23.416 min Scan# 3439

Delta R.T. 0.012 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

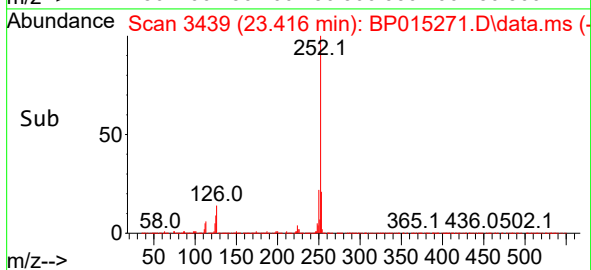
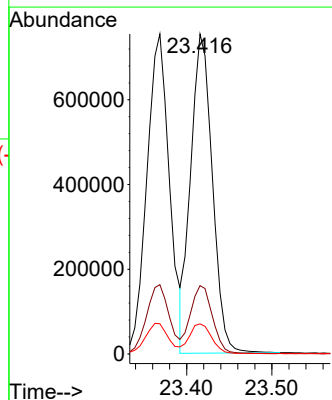
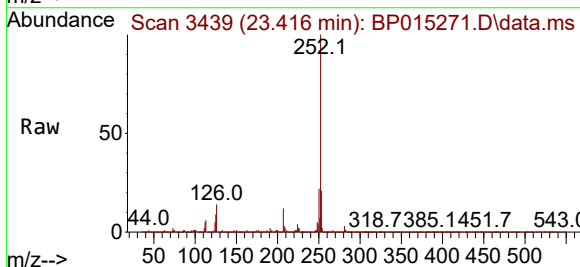
Tgt Ion:252 Resp: 1331055

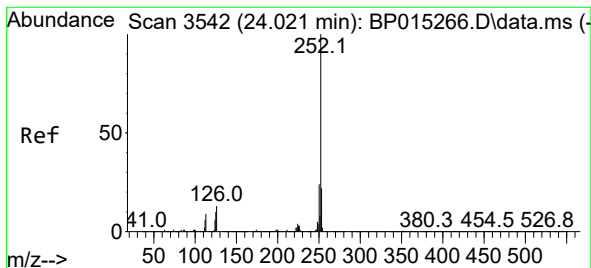
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.4 8.5 12.7





#93

Benzo(a)pyrene

Concen: 19.131 ng/ul

RT: 24.045 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

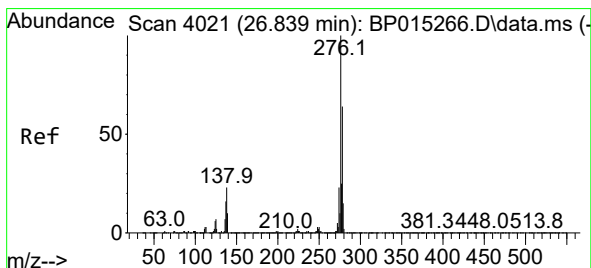
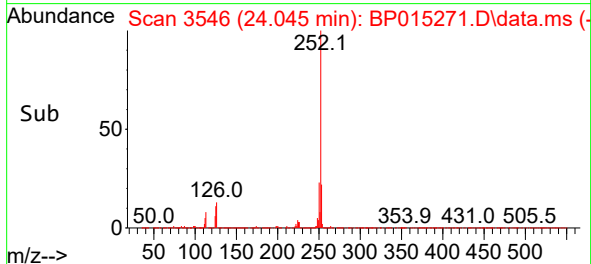
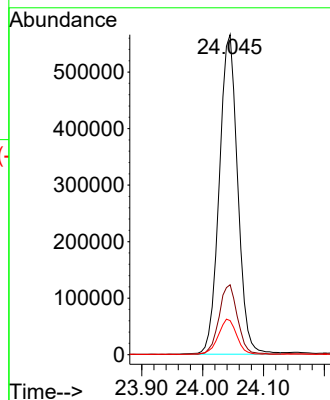
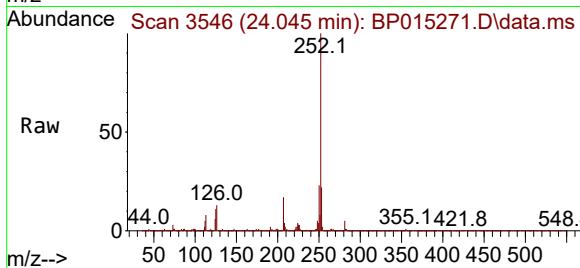
Tgt Ion:252 Resp: 1186621

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.7 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.127 ng/ul

RT: 26.868 min Scan# 4026

Delta R.T. 0.023 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

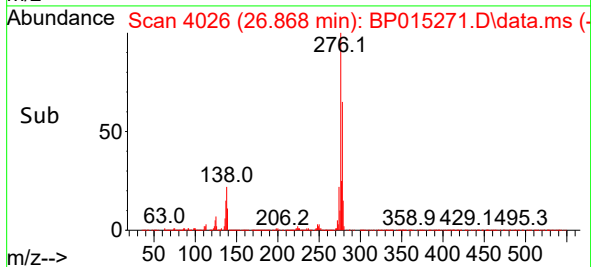
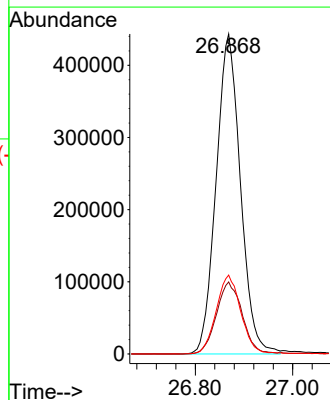
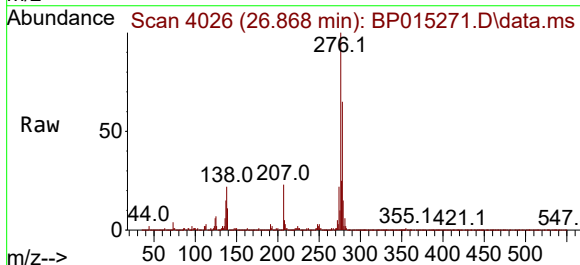
Tgt Ion:276 Resp: 1536155

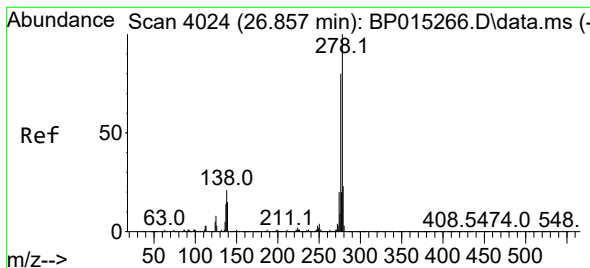
Ion Ratio Lower Upper

276 100

138 22.5 20.1 30.1

277 24.6 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 19.356 ng/ul

RT: 26.886 min Scan# 4024

Delta R.T. 0.023 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTD020730

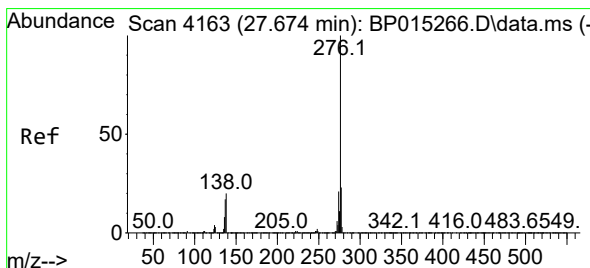
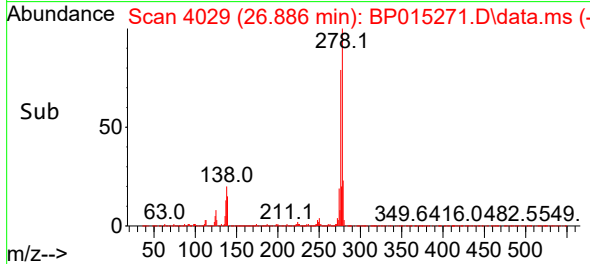
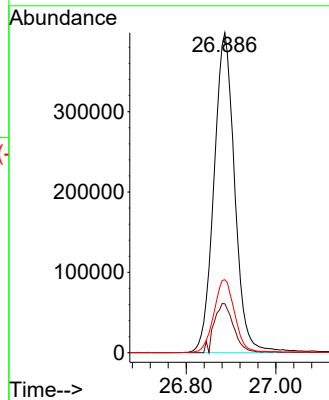
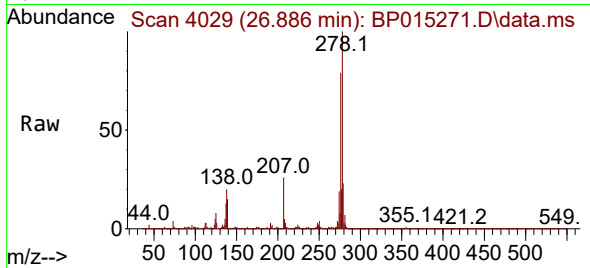
Tgt Ion:278 Resp: 1276112

Ion Ratio Lower Upper

278 100

139 15.3 13.3 19.9

279 22.8 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 19.107 ng/ul

RT: 27.704 min Scan# 4168

Delta R.T. 0.029 min

Lab File: BP015271.D

Acq: 24 May 2023 12:34

Tgt Ion:276 Resp: 1251377

Ion Ratio Lower Upper

276 100

138 20.7 17.7 26.5

277 23.7 18.8 28.2

