

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015330.D
 Acq On : 30 May 2023 12:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020731

Quant Time: May 31 00:43:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	184787	20.000	ng/ul	0.00
20) Naphthalene-d8	10.946	136	802937	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	536357	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1232865	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1107527	20.000	ng/ul	# 0.00
88) Perylene-d12	24.157	264	1249225	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	37582	7.902	ng/uL	0.00
4) Pyridine-d5	3.864	84	267167	19.818	ng/ul	0.00
7) Phenol-d5	7.269	99	340500	19.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	201569	20.342	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	257535	20.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	278228	20.351	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	135233	21.433	ng/ul	0.00
24) 2-Nitrophenol-d4	10.022	143	159890	22.775	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	282408	22.293	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	406230	21.673	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	906128	22.357	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1007671	21.738	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	154610	19.645	ng/ul	0.00
60) Fluorene-d10	15.751	176	763409	22.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	171451	22.067	ng/ul	0.00
73) Anthracene-d10	17.616	188	1203819	21.324	ng/ul	0.00
81) Pyrene-d10	19.833	212	1395775	21.729	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1287836	20.767	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.458	88	40161	7.859	ng/uL#	94
5) Pyridine	3.881	79	274284	19.563	ng/ul	92
6) Benzaldehyde	7.246	77	125274	26.565	ng/ul	98
8) Phenol	7.299	94	349686	19.876	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.528	93	276714	19.659	ng/ul	98
12) 2-Chlorophenol	7.675	128	270535	20.275	ng/ul	98
13) 2-Methylphenol	8.563	108	271877	19.995	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.652	45	362228	20.540	ng/ul	98
16) Acetophenone	8.952	105	460464	21.580	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.928	70	244074	21.811	ng/ul	91
18) 4-Methylphenol	8.899	108	300817	20.100	ng/ul	99
19) Hexachloroethane	9.205	117	114477	21.012	ng/ul	84
22) Nitrobenzene	9.334	77	348808	22.384	ng/ul	98
23) Isophorone	9.863	82	708074	22.106	ng/ul	99
25) 2-Nitrophenol	10.052	139	169924	22.072	ng/ul#	86
26) 2,4-Dimethylphenol	10.110	107	348973	22.716	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.346	93	404444	20.753	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	286786	22.412	ng/ul	98
30) Naphthalene	10.999	128	924856	21.187	ng/ul	100
32) 4-Chloroaniline	11.110	127	422174	21.915	ng/ul	100
33) Hexachlorobutadiene	11.269	225	193746	25.122	ng/ul	99
34) Caprolactam	11.893	113	105257	21.818	ng/ul	88
35) 4-Chloro-3-methylphenol	12.228	107	331253	22.926	ng/ul	96
36) 2-Methylnaphthalene	12.593	142	642660	21.850	ng/ul	99

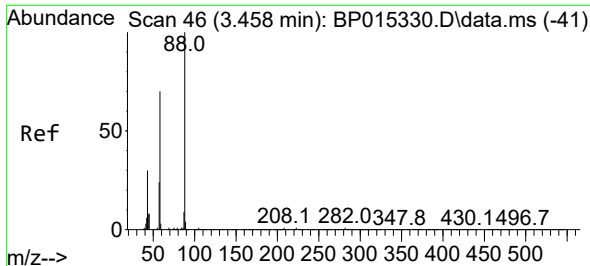
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	644180	21.809	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	372014	23.191	ng/ul	99
40) Hexachlorocyclopentadiene	12.934	237	200917	19.331	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	249312	22.010	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	268522	21.864	ng/ul	98
43) 1,1'-Biphenyl	13.593	154	898604	21.593	ng/ul	98
44) 2-Chloronaphthalene	13.640	162	706859	21.750	ng/ul	99
45) 2-Nitroaniline	13.845	65	224138	24.104	ng/ul	91
47) Dimethylphthalate	14.210	163	937227	22.204	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	196385	23.484	ng/ul	96
50) Acenaphthylene	14.487	152	1101064	21.288	ng/ul	100
51) 3-Nitroaniline	14.669	138	164958	21.907	ng/ul	99
52) Acenaphthene	14.822	153	757143	21.434	ng/ul	99
53) 2,4-Dinitrophenol	14.887	184	112560	20.273	ng/ul	95
55) 4-Nitrophenol	14.981	109	144491	24.962	ng/ul	81
56) Dibenzofuran	15.157	168	1072823	21.834	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	287277	23.741	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.387	232	234507	22.624	ng/ul	97
59) Diethylphthalate	15.563	149	953562	22.650	ng/ul	100
61) Fluorene	15.810	166	874866	22.157	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	445476	23.090	ng/ul	96
63) 4-Nitroaniline	15.828	138	146418	22.517	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.898	198	176130	21.965	ng/ul#	96
67) N-Nitrosodiphenylamine	16.010	169	761423	21.004	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	299159	23.558	ng/ul	100
69) Hexachlorobenzene	16.816	284	356087	23.729	ng/ul	98
70) Atrazine	16.963	200	315063	23.514	ng/ul	99
71) Pentachlorophenol	17.163	266	187811	20.008	ng/ul	99
72) Phenanthrene	17.557	178	1416644	21.102	ng/ul	99
74) Anthracene	17.651	178	1450525	21.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	379759	21.725	ng/ul	99
76) Pentachlorobenzene	15.081	250	404051	23.021	ng/ul	99
77) Carbazole	17.916	167	1310603	22.016	ng/ul	100
78) Di-n-butylphthalate	18.445	149	1700758	22.186	ng/ul	99
80) Fluoranthene	19.510	202	1704129	21.766	ng/ul	97
82) Pyrene	19.863	202	1745515	21.590	ng/ul	96
83) Butylbenzylphthalate	20.716	149	769680	21.474	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	578015	23.763	ng/ul	98
85) Benzo(a)anthracene	21.580	228	1650272	21.550	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	1096275	21.245	ng/ul	99
87) Chrysene	21.633	228	1546729	21.129	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	1883451	22.014	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	1666794	21.047	ng/ul	98
91) Benzo(k)fluoranthene	23.421	252	1645130	21.634	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1455579	20.794	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	1689289	18.638	ng/ul	95
95) Dibenzo(a,h)anthracene	26.892	278	1403162	18.859	ng/ul	97
96) Benzo(g,h,i)perylene	27.715	276	1339611	18.125	ng/ul	96

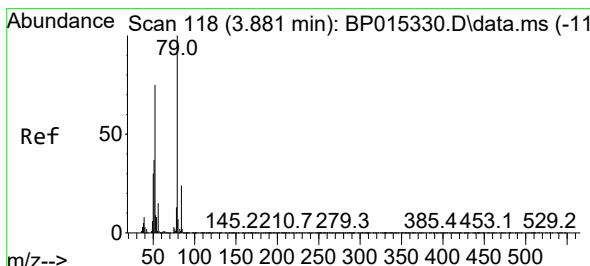
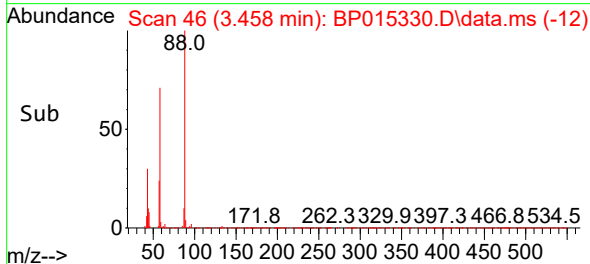
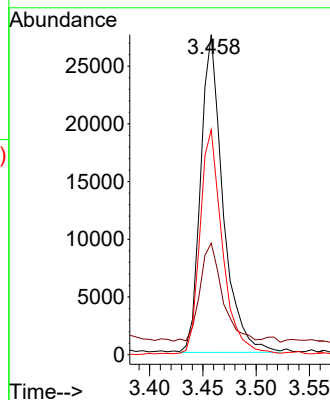
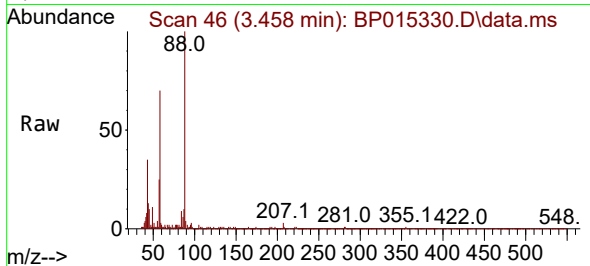
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#2
1,4-Dioxane
Concen: 7.859 ng/uL
RT: 3.458 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

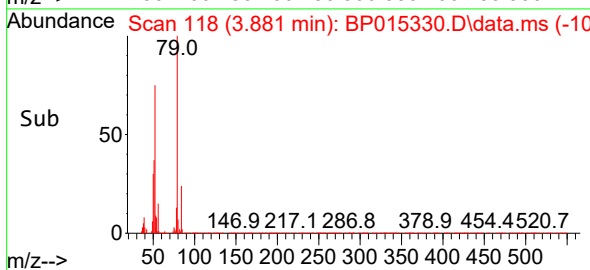
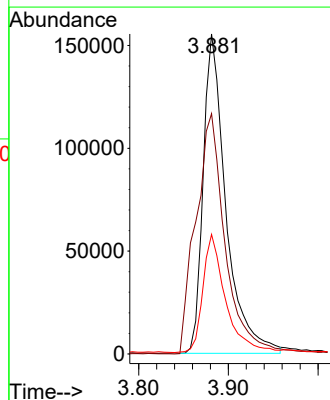
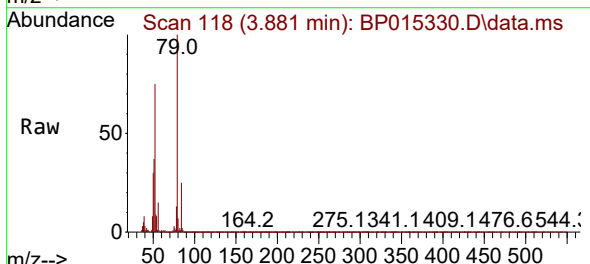
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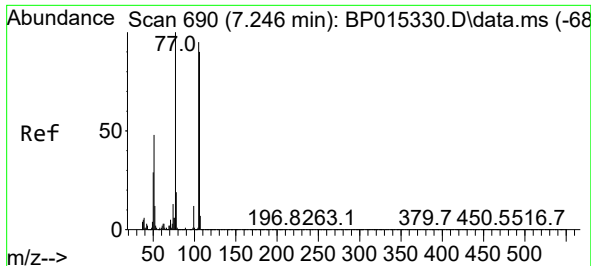
Tgt Ion: 88 Resp: 40161
Ion Ratio Lower Upper
88 100
43 34.9 20.4 30.6#
58 70.3 55.4 83.2



#5
Pyridine
Concen: 19.563 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion: 79 Resp: 274284
Ion Ratio Lower Upper
79 100
52 75.1 55.4 83.2
51 37.3 25.4 38.2

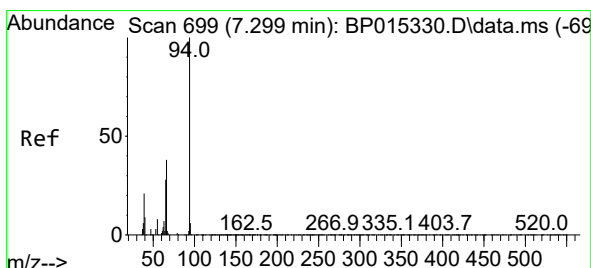
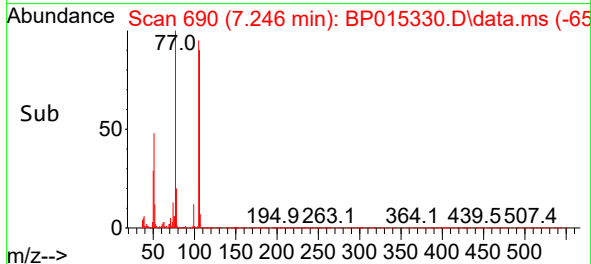
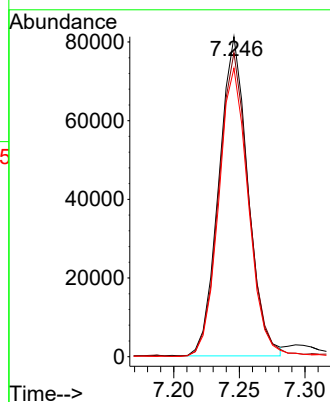
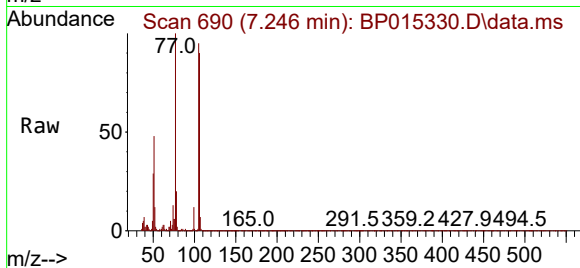




#6
Benzaldehyde
Concen: 26.565 ng/ul
RT: 7.246 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

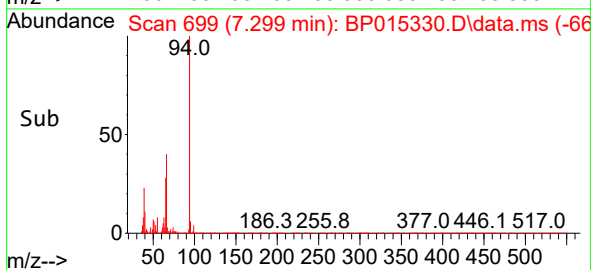
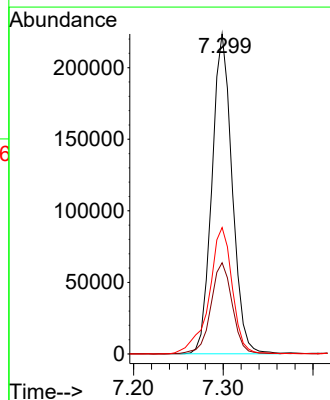
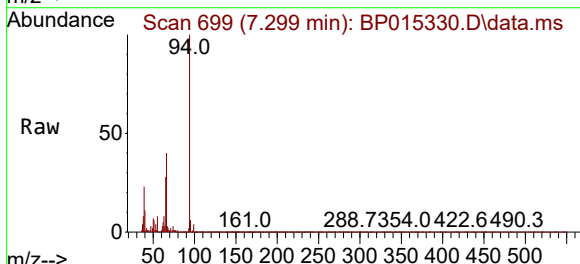
Instrument :
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ClientSampleId :
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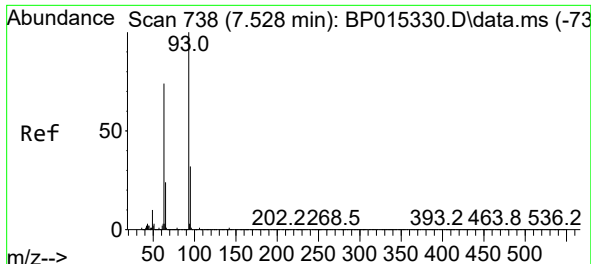
Tgt Ion: 77 Resp: 125274
Ion Ratio Lower Upper
77 100
105 95.0 76.9 115.3
106 90.1 75.0 112.6



#8
Phenol
Concen: 19.876 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion: 94 Resp: 349686
Ion Ratio Lower Upper
94 100
65 28.5 20.6 31.0
66 39.5 26.1 39.1#



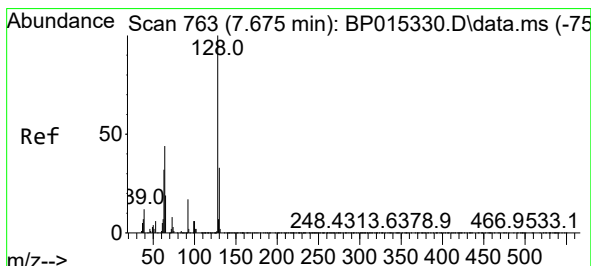
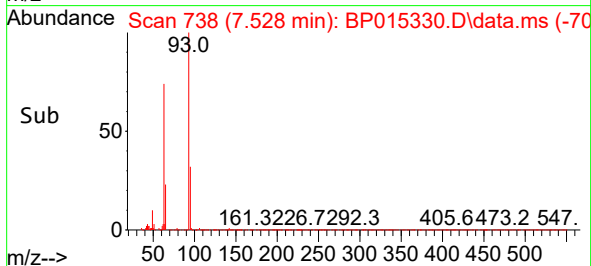
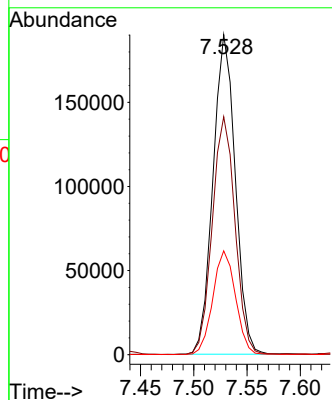
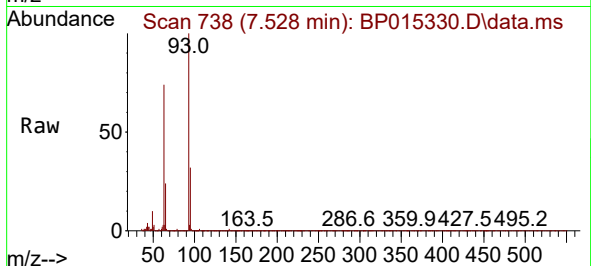


#10
 Bis(2-Chloroethyl)ether
 Concen: 19.659 ng/ul
 RT: 7.528 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: BP015330.D
 Acq: 30 May 2023 12:04

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020731

Tgt Ion: 93 Resp: 276714

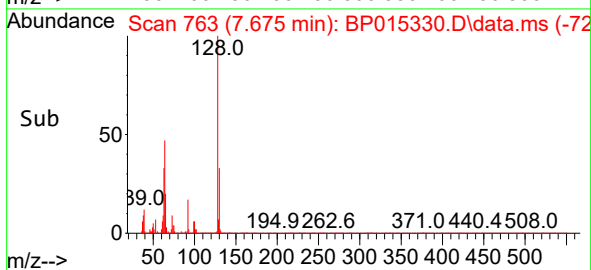
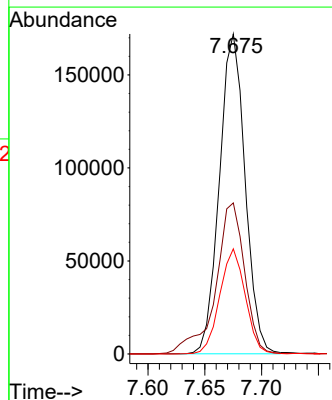
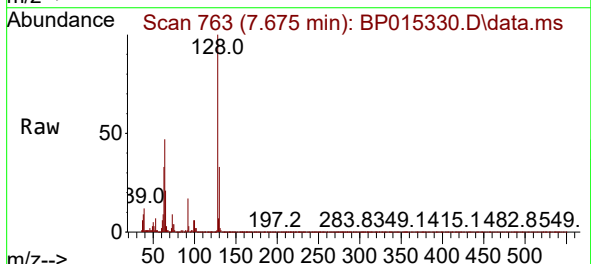
Ion	Ratio	Lower	Upper
93	100		
63	74.3	58.0	87.0
95	32.4	26.4	39.6

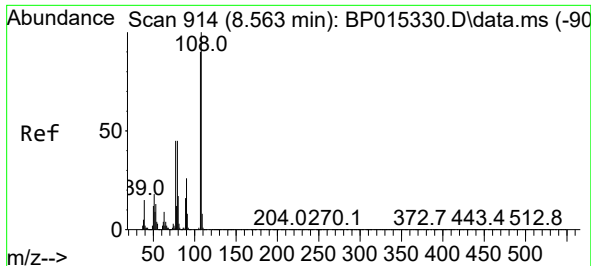


#12
 2-Chlorophenol
 Concen: 20.275 ng/ul
 RT: 7.675 min Scan# 763
 Delta R.T. 0.000 min
 Lab File: BP015330.D
 Acq: 30 May 2023 12:04

Tgt Ion: 128 Resp: 270535

Ion	Ratio	Lower	Upper
128	100		
64	47.2	36.2	54.2
130	32.8	26.3	39.5





#13

2-Methylphenol

Concen: 19.995 ng/ul

RT: 8.563 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

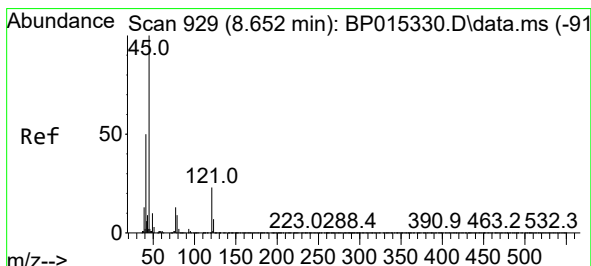
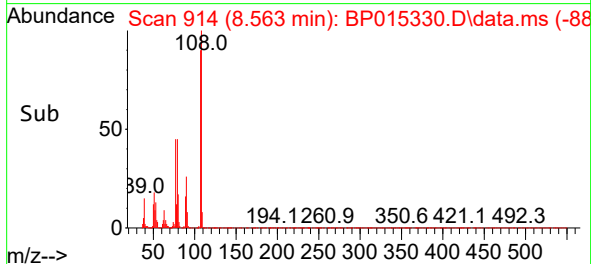
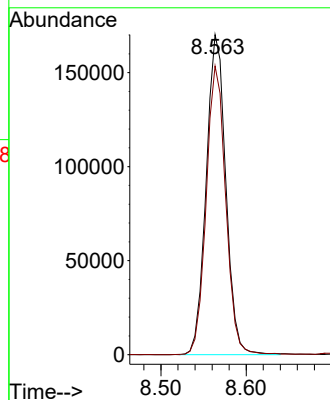
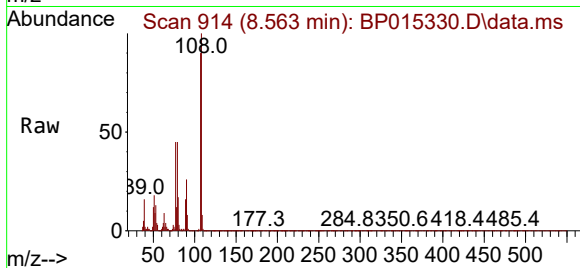
SSTD020731

Tgt Ion:108 Resp: 271877

Ion Ratio Lower Upper

108 100

107 90.2 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.540 ng/ul

RT: 8.652 min Scan# 929

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

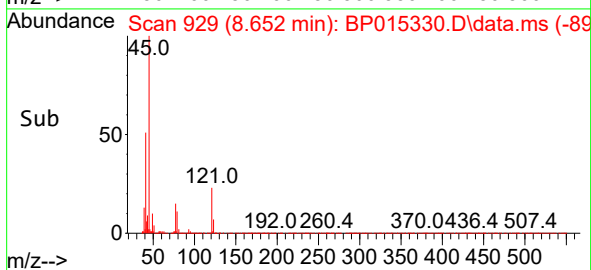
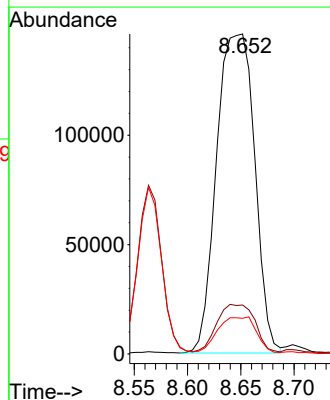
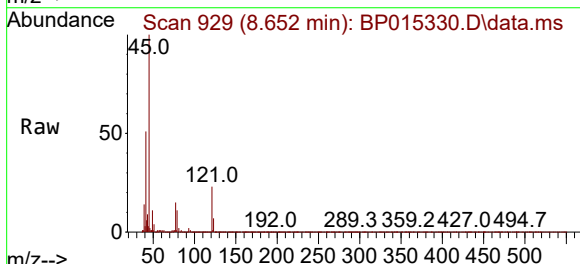
Tgt Ion: 45 Resp: 362228

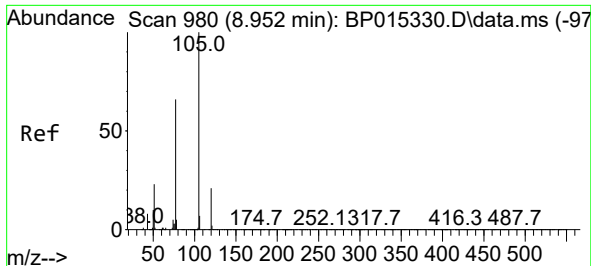
Ion Ratio Lower Upper

45 100

77 15.3 12.8 19.2

79 11.2 9.5 14.3

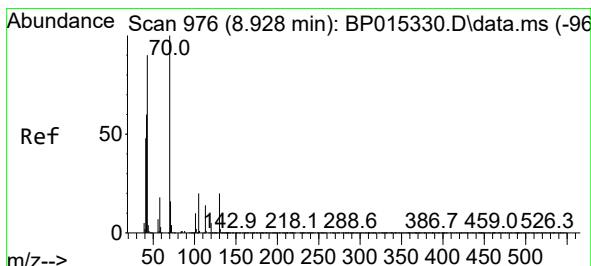
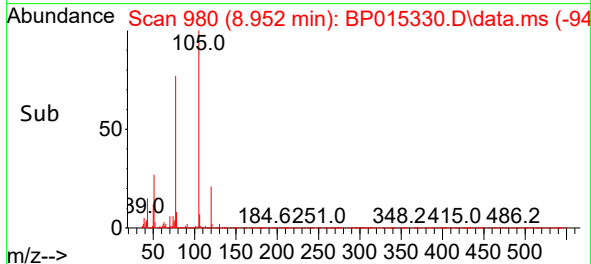
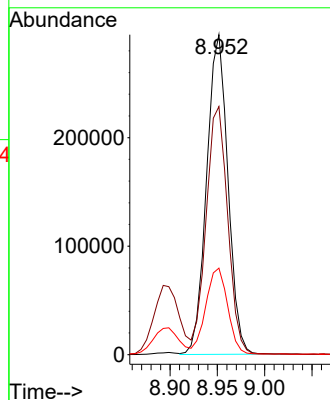
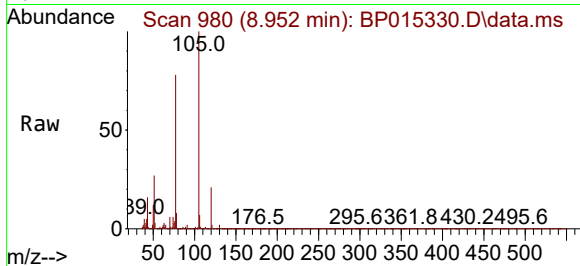




#16
Acetophenone
Concen: 21.580 ng/ul
RT: 8.952 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

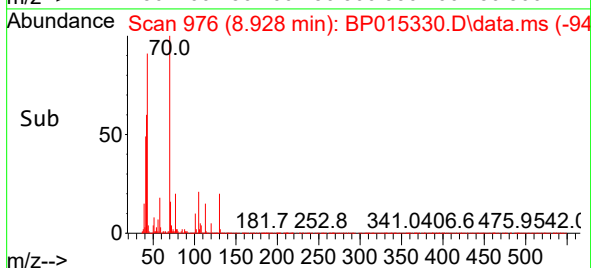
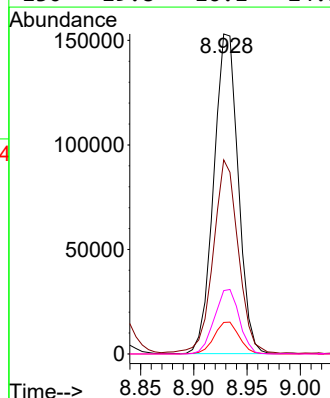
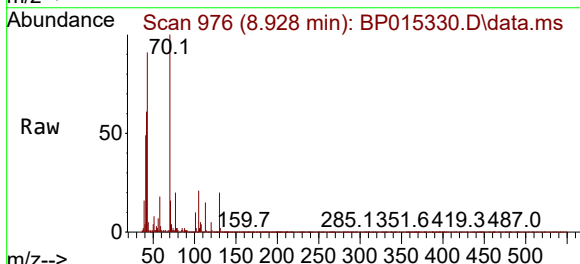
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BNA_P
ClientSampleId :
SSTD020731

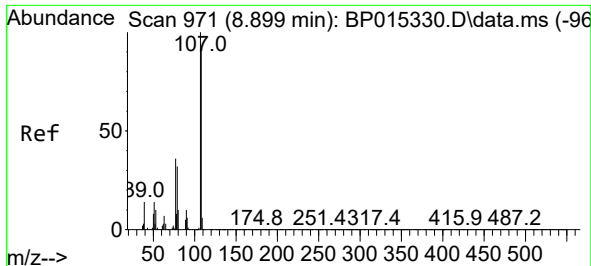
Tgt Ion:105 Resp: 460464
Ion Ratio Lower Upper
105 100
77 77.6 59.4 89.2
51 27.1 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.811 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion: 70 Resp: 244074
Ion Ratio Lower Upper
70 100
42 60.7 41.0 61.6
101 9.8 7.9 11.9
130 19.8 16.1 24.1

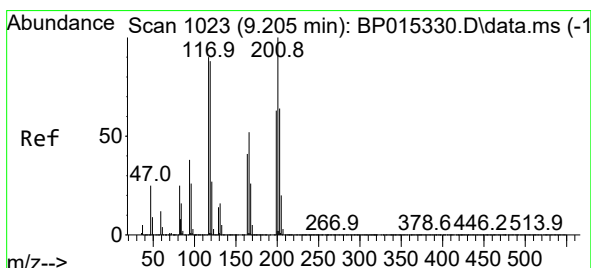
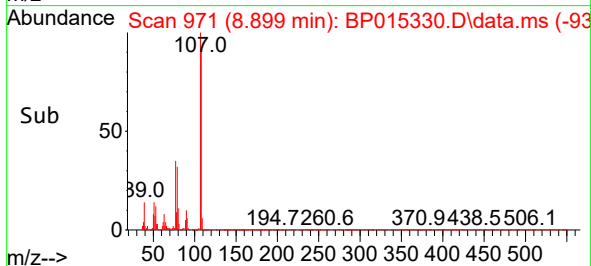
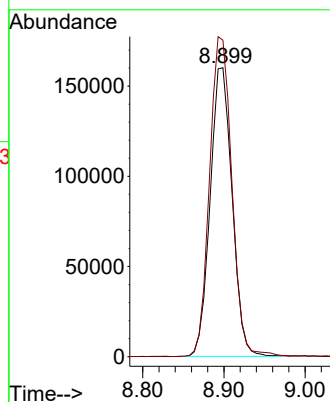
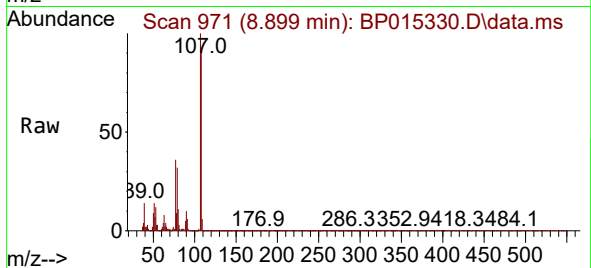




#18
4-Methylphenol
Concen: 20.100 ng/ul
RT: 8.899 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

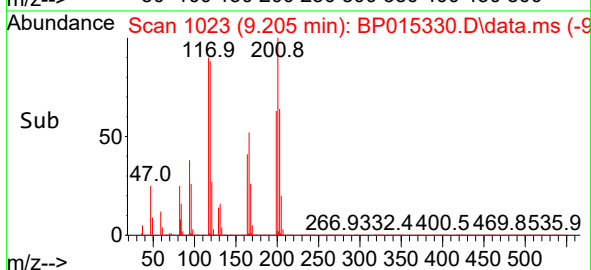
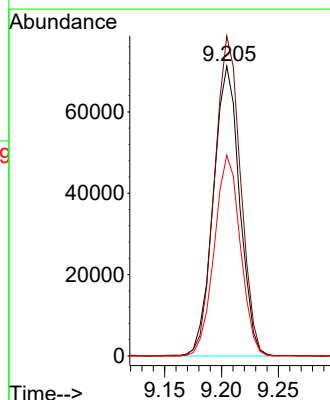
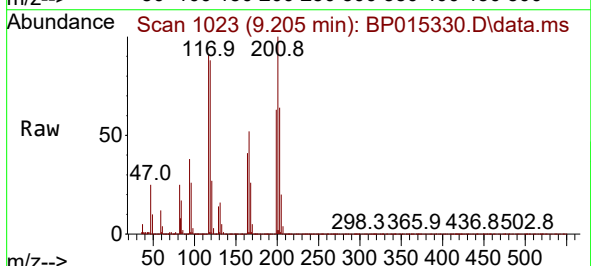
Instrument :
BNA_P
ClientSampleId :
SSTD020731

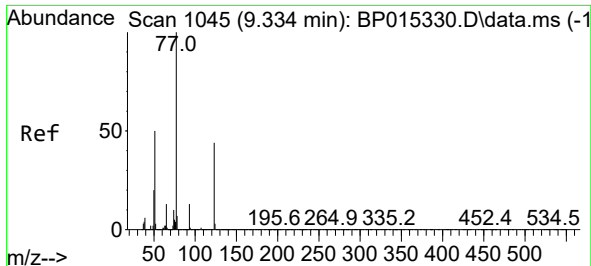
Tgt Ion:108 Resp: 300817
Ion Ratio Lower Upper
108 100
107 109.5 88.5 132.7



#19
Hexachloroethane
Concen: 21.012 ng/ul
RT: 9.205 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:117 Resp: 114477
Ion Ratio Lower Upper
117 100
201 110.5 75.8 113.8
199 69.2 46.5 69.7

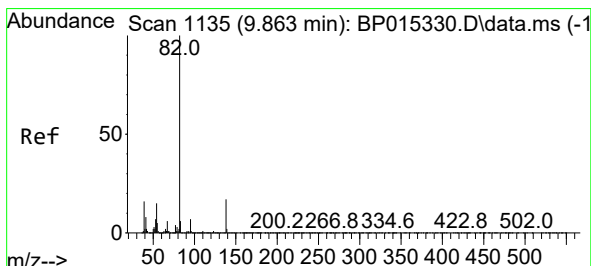
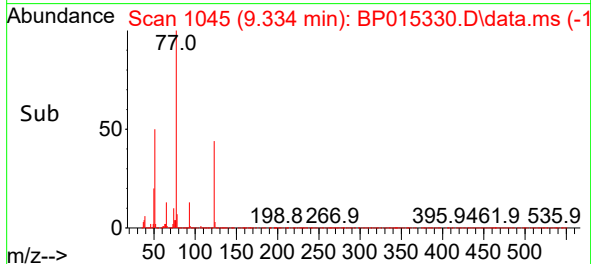
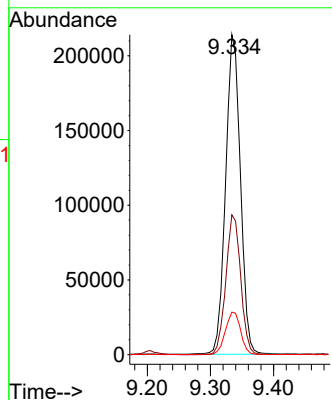
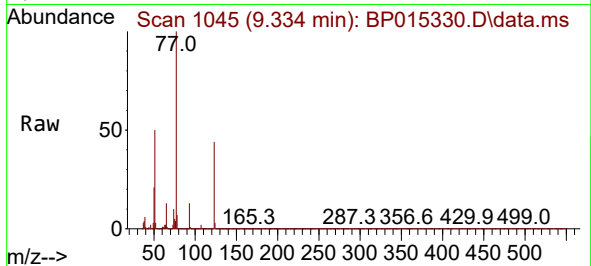




#22
Nitrobenzene
Concen: 22.384 ng/ul
RT: 9.334 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

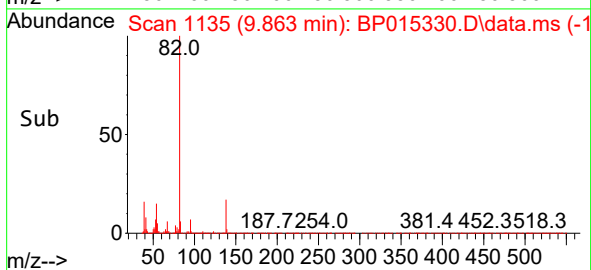
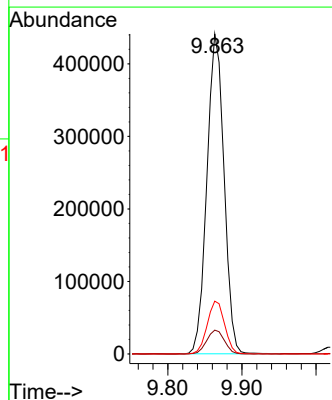
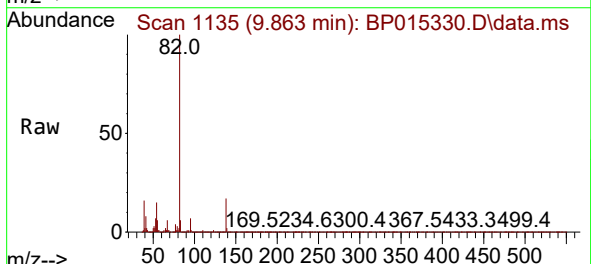
Instrument :
BNA_P
ClientSampleId :
SSTD020731

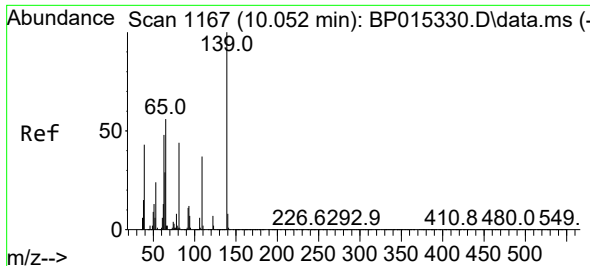
Tgt Ion: 77 Resp: 348808
Ion Ratio Lower Upper
77 100
123 43.7 36.2 54.2
65 13.3 10.1 15.1



#23
Isophorone
Concen: 22.106 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion: 82 Resp: 708074
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.0
138 16.5 13.6 20.4

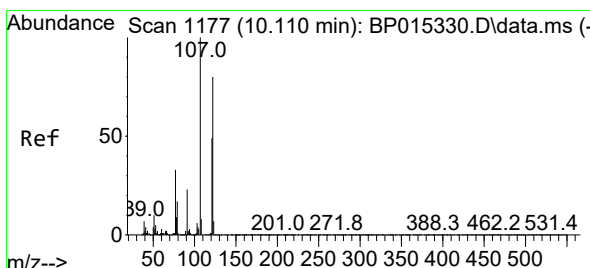
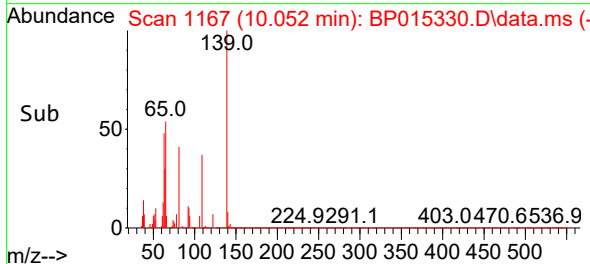
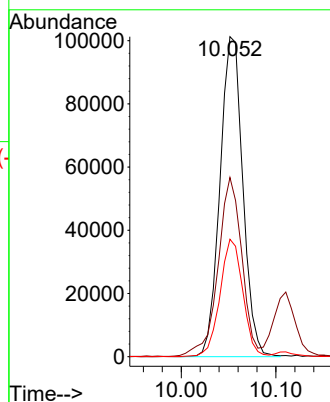
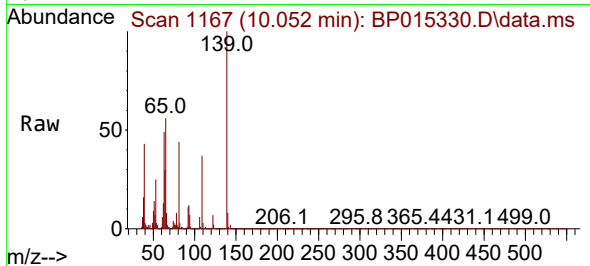




#25
2-Nitrophenol
Concen: 22.072 ng/ul
RT: 10.052 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

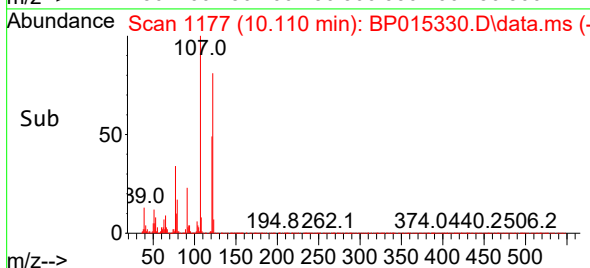
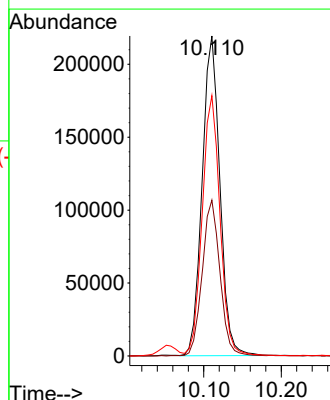
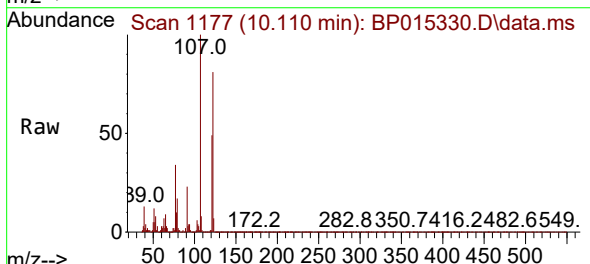
Instrument :
BNA_P
ClientSampleId :
SSTD020731

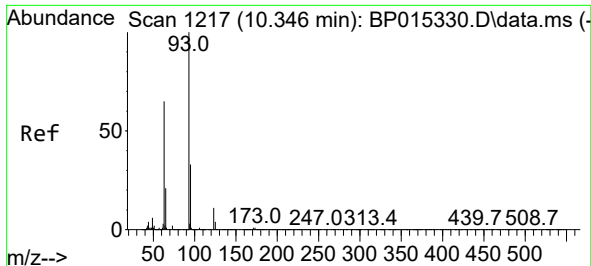
Tgt Ion:139 Resp: 169924
Ion Ratio Lower Upper
139 100
65 56.0 38.4 57.6
109 36.7 22.2 33.2#



#26
2,4-Dimethylphenol
Concen: 22.716 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:107 Resp: 348973
Ion Ratio Lower Upper
107 100
121 48.7 41.0 61.6
122 81.4 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 20.753 ng/ul

RT: 10.346 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

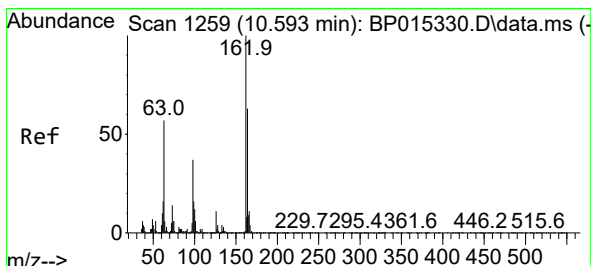
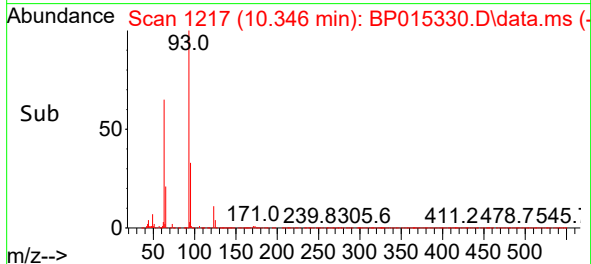
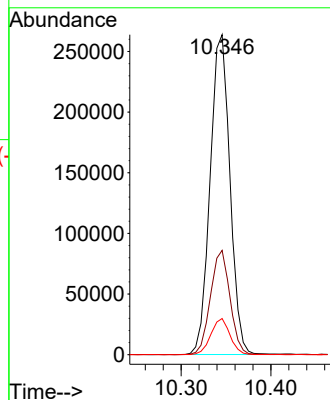
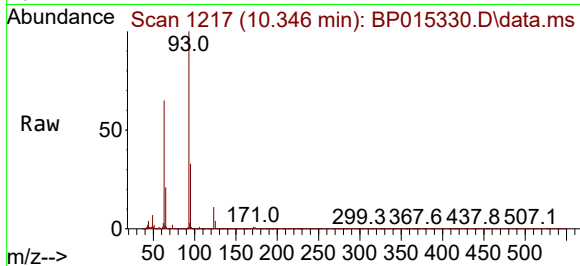
Tgt Ion: 93 Resp: 404444

Ion Ratio Lower Upper

93 100

95 32.6 26.7 40.1

123 11.3 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 22.412 ng/ul

RT: 10.593 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

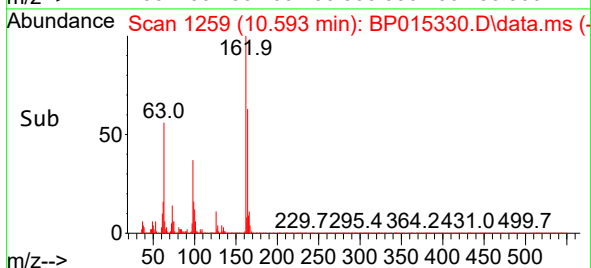
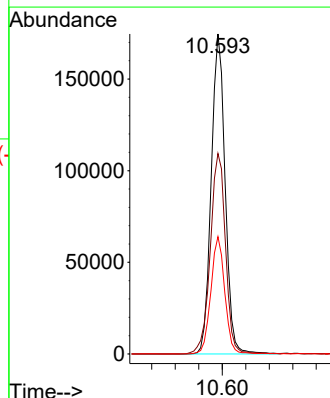
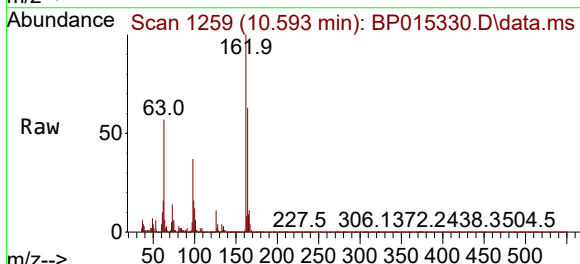
Tgt Ion:162 Resp: 286786

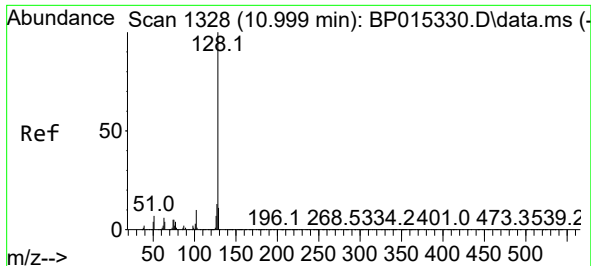
Ion Ratio Lower Upper

162 100

164 62.6 52.0 78.0

98 36.7 28.9 43.3

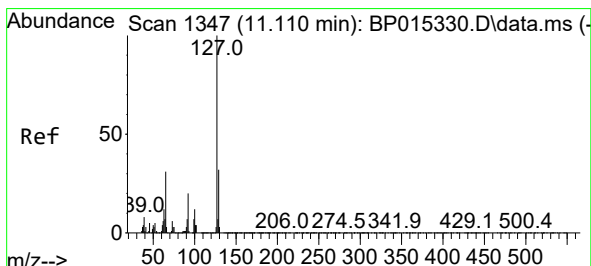
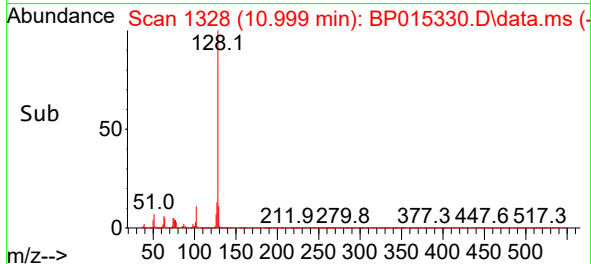
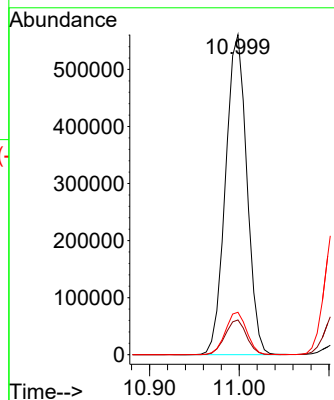
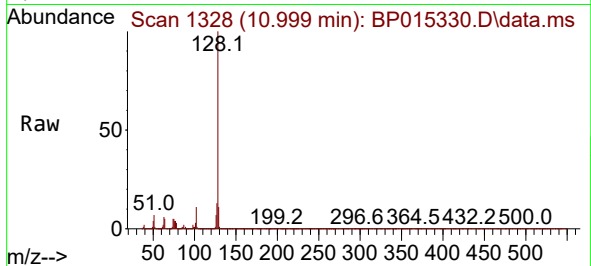




#30
Naphthalene
Concen: 21.187 ng/ul
RT: 10.999 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

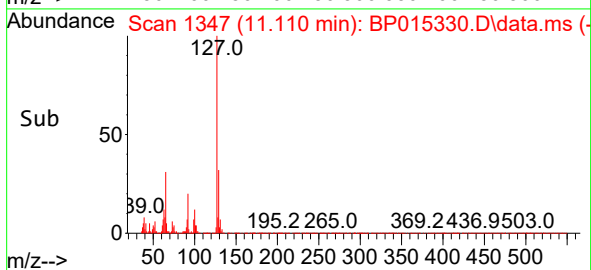
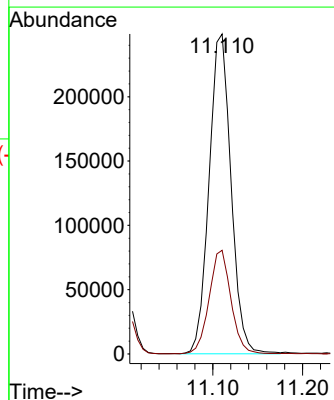
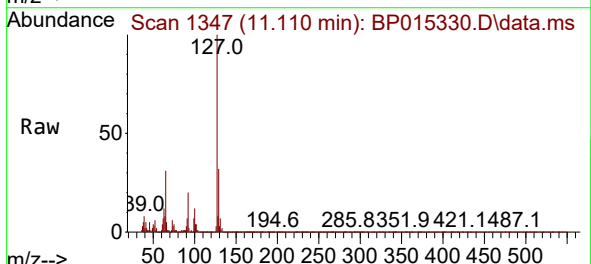
Instrument :
BNA_P
ClientSampleId :
SSTD020731

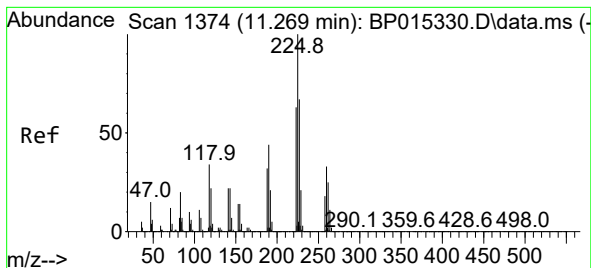
Tgt Ion:128 Resp: 924856
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.6 15.8



#32
4-Chloroaniline
Concen: 21.915 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:127 Resp: 422174
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8





#33

Hexachlorobutadiene

Concen: 25.122 ng/ul

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

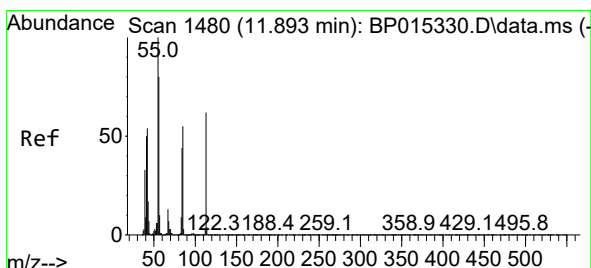
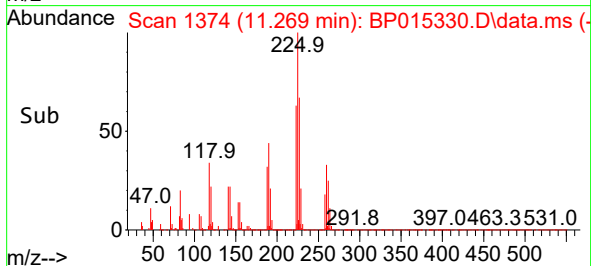
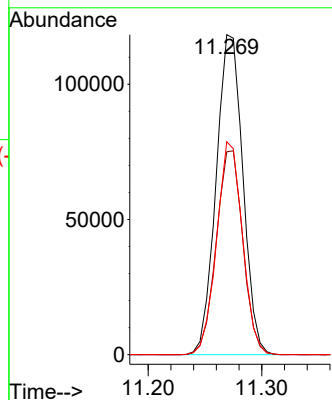
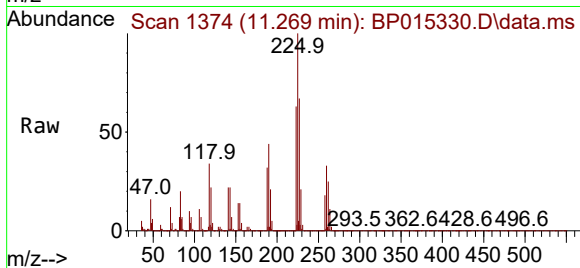
Tgt Ion:225 Resp: 193746

Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.6

227 66.5 52.2 78.4



#34

Caprolactam

Concen: 21.818 ng/ul

RT: 11.893 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

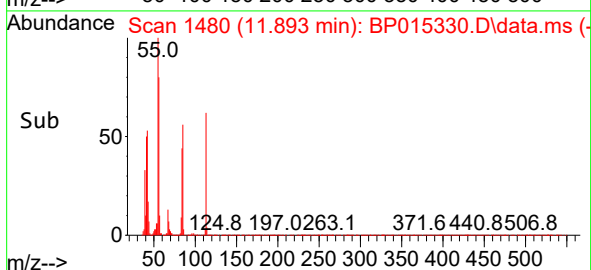
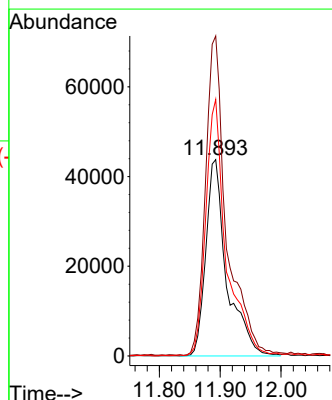
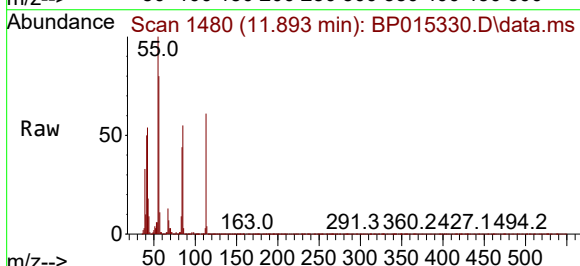
Tgt Ion:113 Resp: 105257

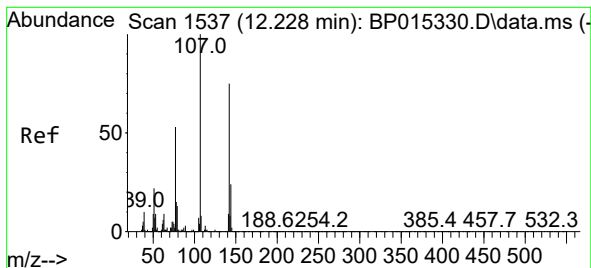
Ion Ratio Lower Upper

113 100

55 163.0 121.2 181.8

56 130.7 90.2 135.4

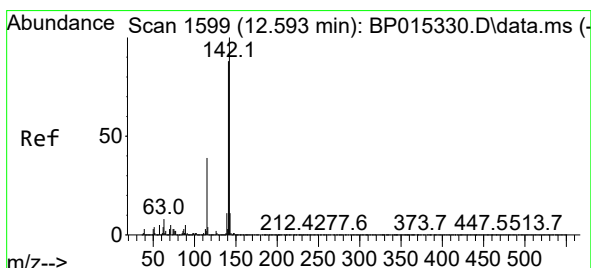
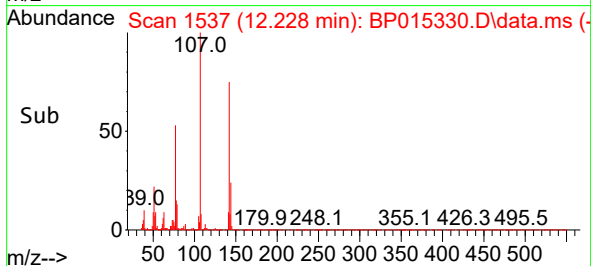
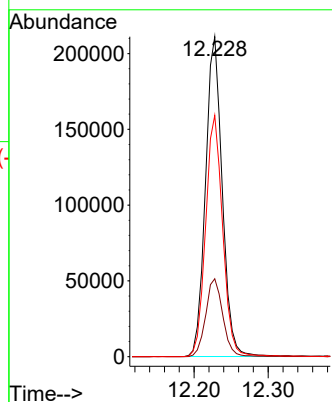
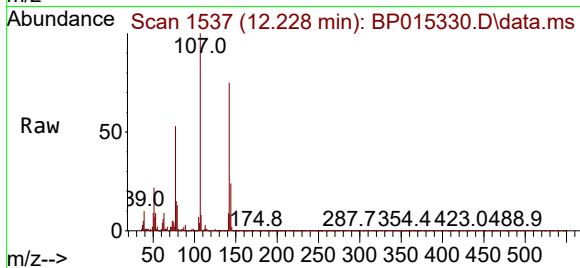




#35
4-Chloro-3-methylphenol
Concen: 22.926 ng/ul
RT: 12.228 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

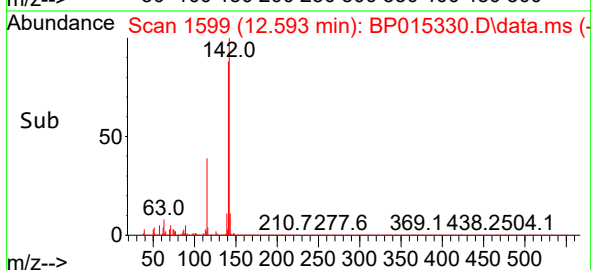
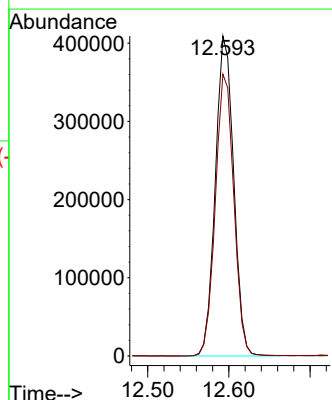
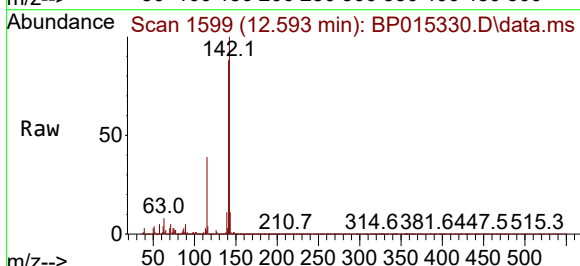
Instrument :
BNA_P
ClientSampleId :
SSTD020731

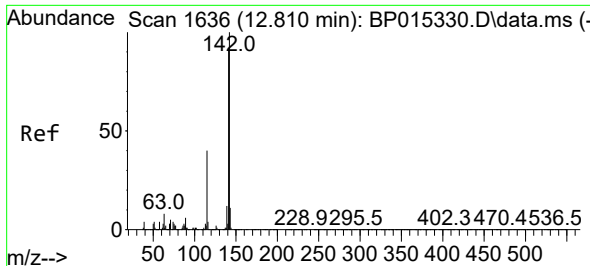
Tgt Ion:107 Resp: 331253
Ion Ratio Lower Upper
107 100
144 24.4 20.3 30.5
142 75.4 63.2 94.8



#36
2-Methylnaphthalene
Concen: 21.850 ng/ul
RT: 12.593 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:142 Resp: 642660
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6

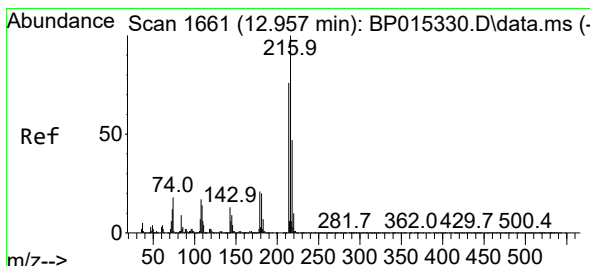
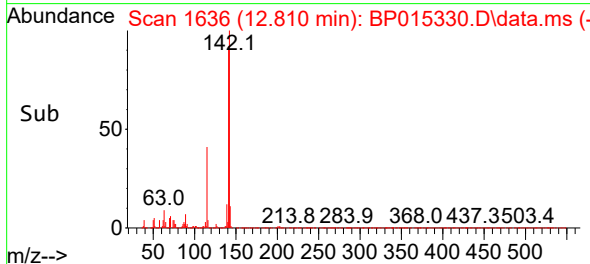
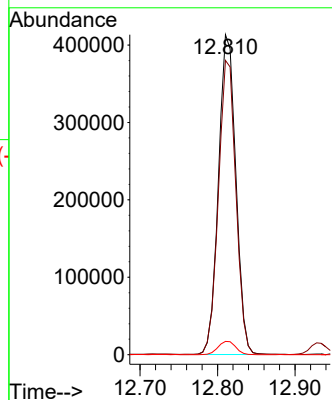
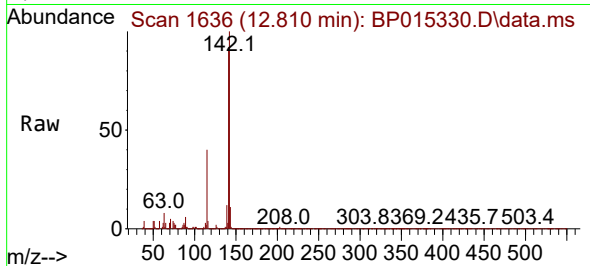




#37
1-Methylnaphthalene
Concen: 21.809 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

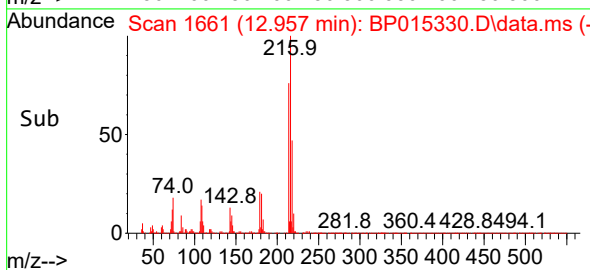
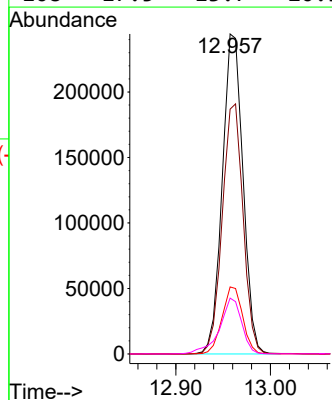
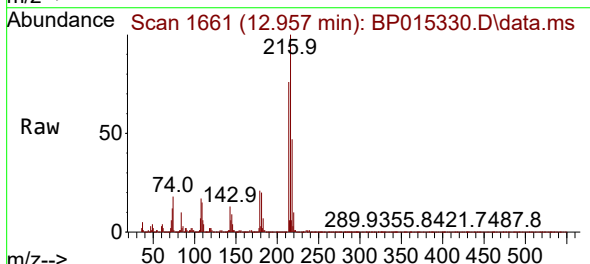
Instrument :
BNA_P
ClientSampleId :
SSTD020731

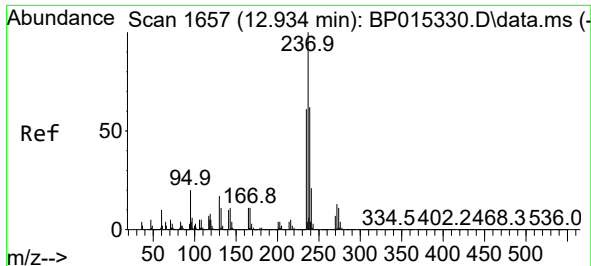
Tgt Ion:142 Resp: 644180
Ion Ratio Lower Upper
142 100
141 91.9 74.6 112.0
116 4.2 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.191 ng/ul
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:216 Resp: 372014
Ion Ratio Lower Upper
216 100
214 76.5 61.4 92.0
179 20.9 15.9 23.9
108 17.5 13.7 20.5



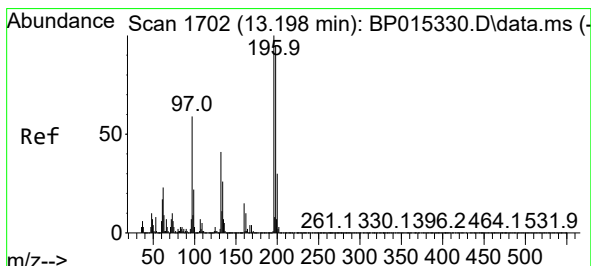
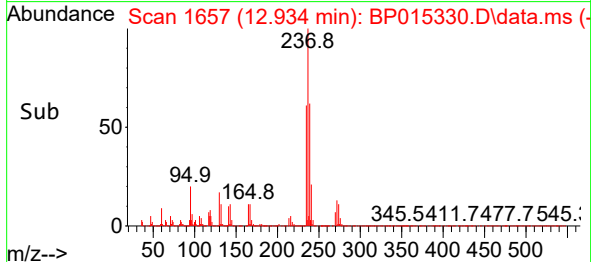
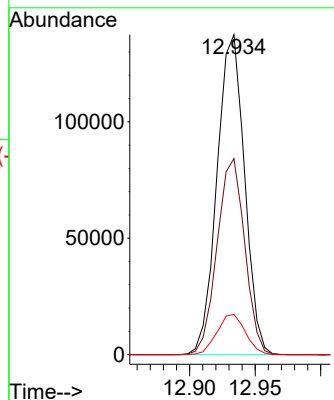
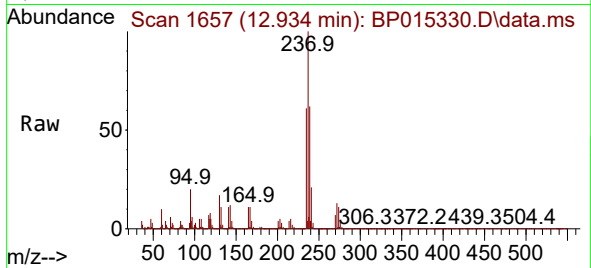


#40
Hexachlorocyclopentadiene
Concen: 19.331 ng/ul
RT: 12.934 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Instrument :
BNA_P
ClientSampleId :
SSTD020731

Tgt Ion:237 Resp: 200917

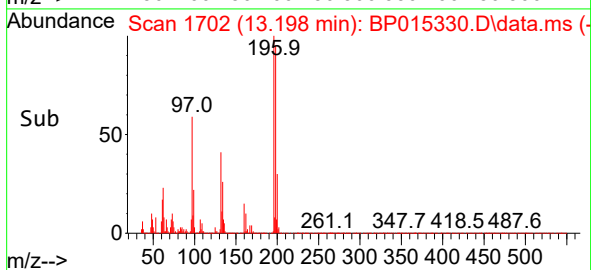
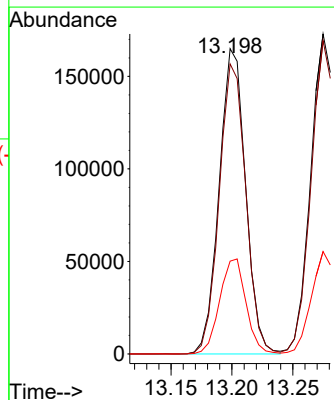
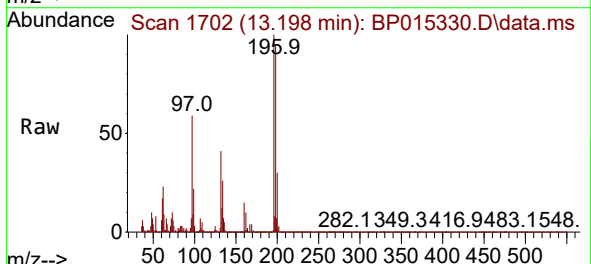
Ion	Ratio	Lower	Upper
237	100		
235	61.3	49.4	74.0
272	12.6	10.4	15.6

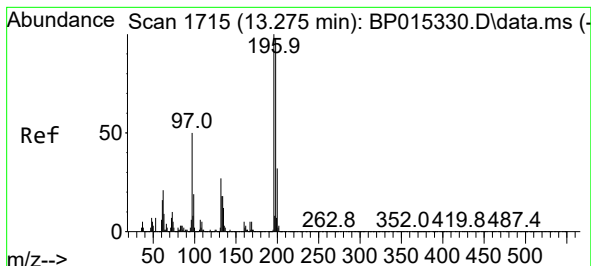


#41
2,4,6-Trichlorophenol
Concen: 22.010 ng/ul
RT: 13.198 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:196 Resp: 249312

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.5	113.3
200	30.4	23.6	35.4





#42

2,4,5-Trichlorophenol

Concen: 21.864 ng/ul

RT: 13.275 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

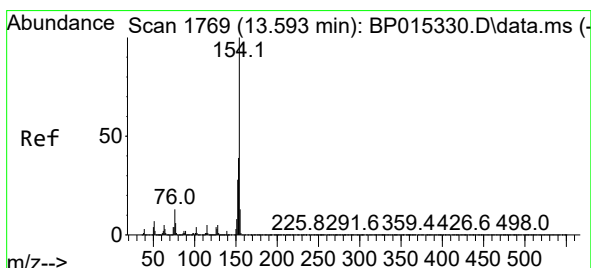
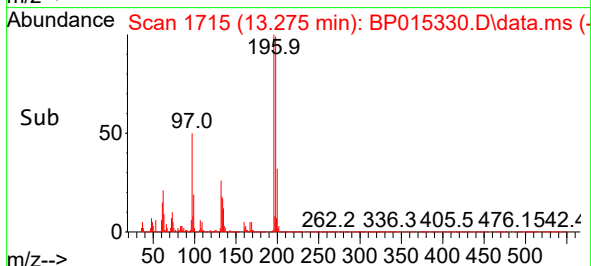
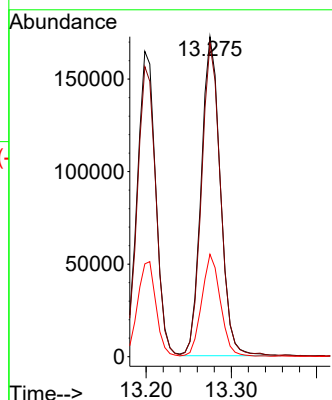
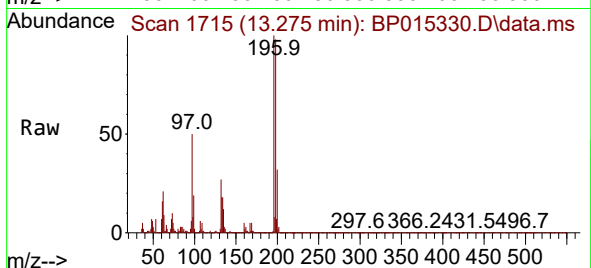
Tgt Ion:196 Resp: 268522

Ion Ratio Lower Upper

196 100

198 97.9 77.0 115.4

200 32.0 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.593 ng/ul

RT: 13.593 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

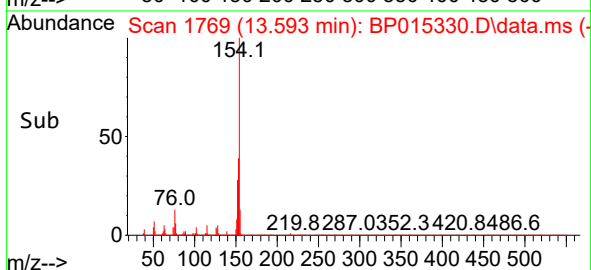
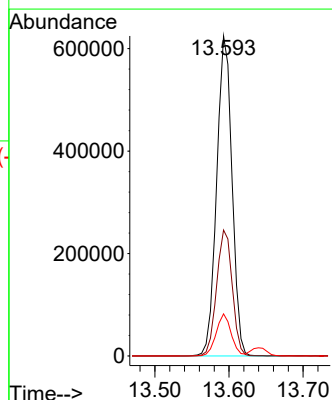
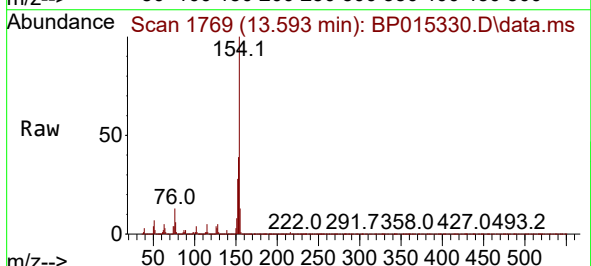
Tgt Ion:154 Resp: 898604

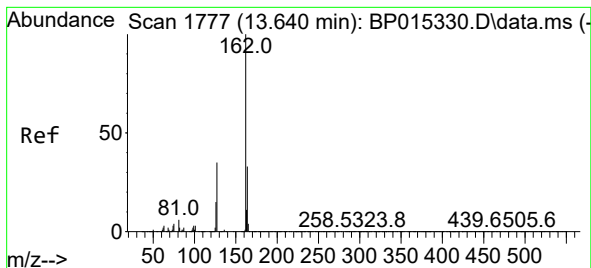
Ion Ratio Lower Upper

154 100

153 39.3 32.7 49.1

76 13.2 10.7 16.1

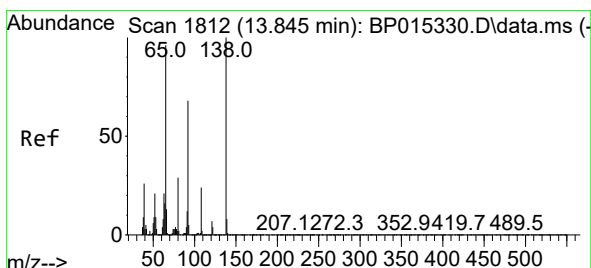
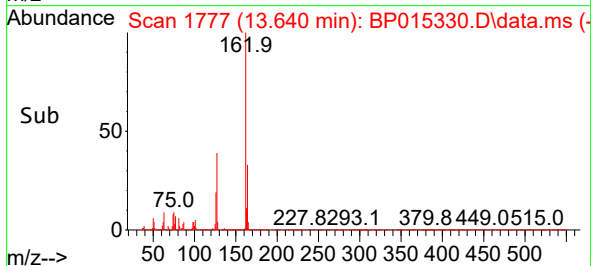
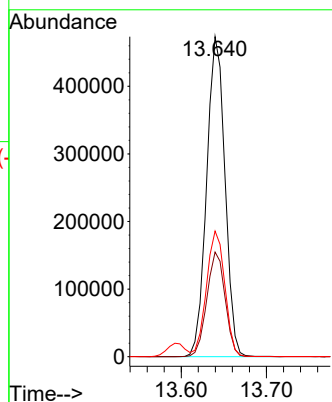
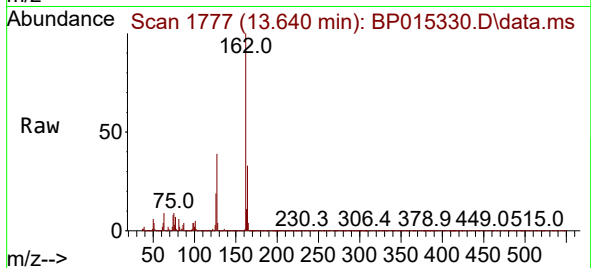




#44
2-Chloronaphthalene
Concen: 21.750 ng/ul
RT: 13.640 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

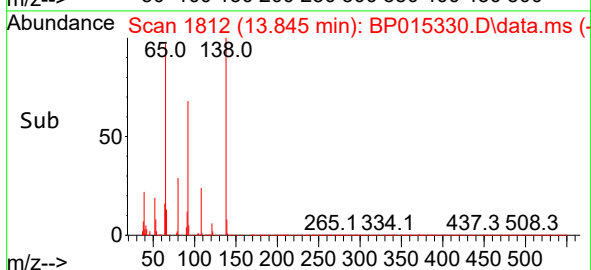
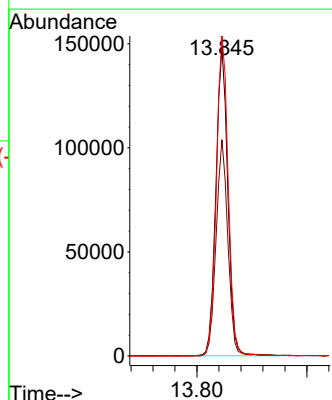
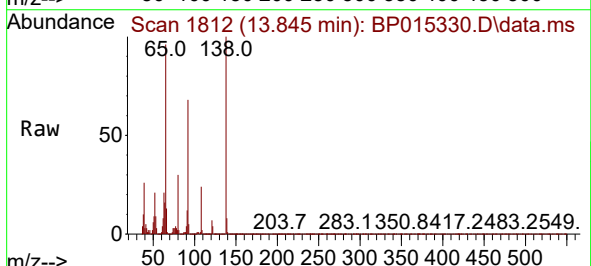
Instrument :
BNA_P
ClientSampleId :
SSTD020731

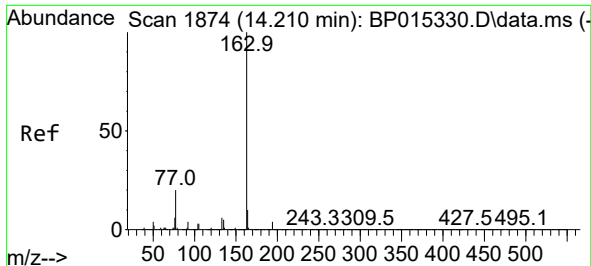
Tgt Ion:162 Resp: 706859
Ion Ratio Lower Upper
162 100
164 32.7 25.9 38.9
127 39.3 30.8 46.2



#45
2-Nitroaniline
Concen: 24.104 ng/ul
RT: 13.845 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion: 65 Resp: 224138
Ion Ratio Lower Upper
65 100
92 70.2 59.8 89.8
138 103.8 92.3 138.5

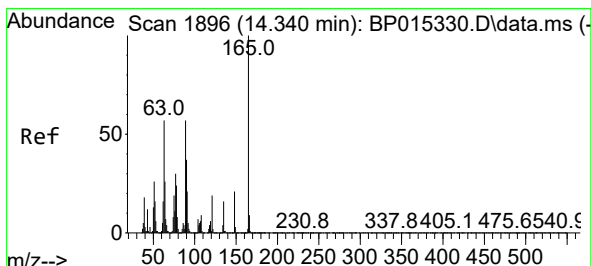
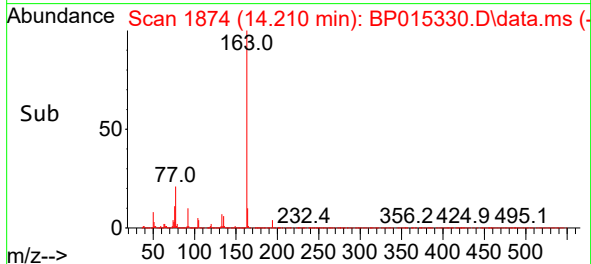
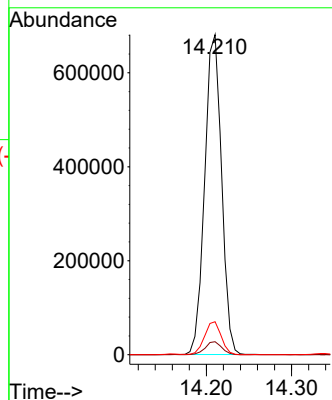
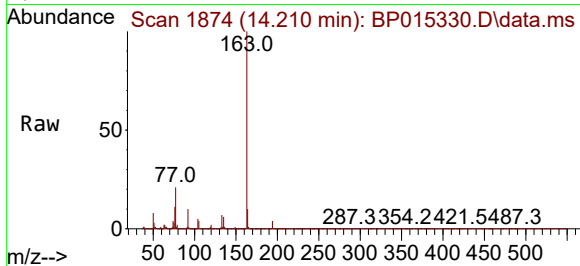




#47
Dimethylphthalate
Concen: 22.204 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

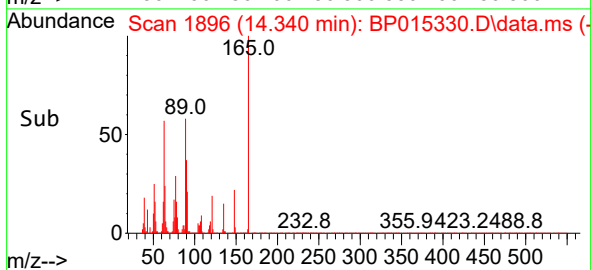
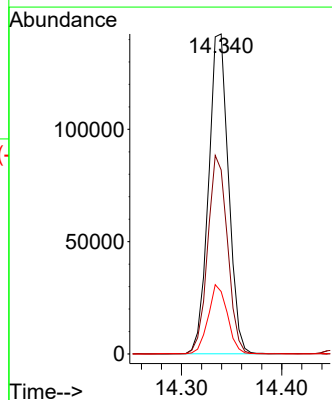
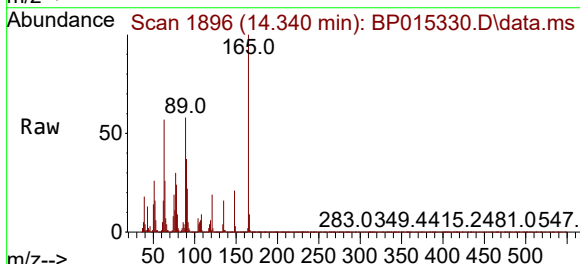
Instrument :
BNA_P
ClientSampleId :
SSTD020731

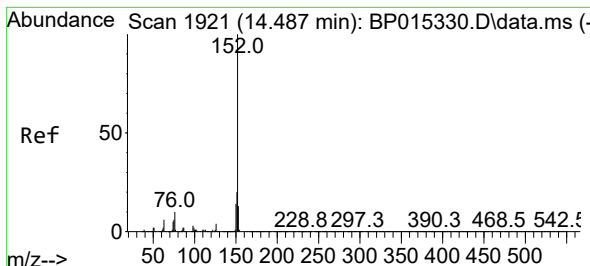
Tgt Ion:163 Resp: 937227
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 23.484 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:165 Resp: 196385
Ion Ratio Lower Upper
165 100
89 57.5 48.0 72.0
121 19.5 17.5 26.3





#50

Acenaphthylene

Concen: 21.288 ng/ul

RT: 14.487 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

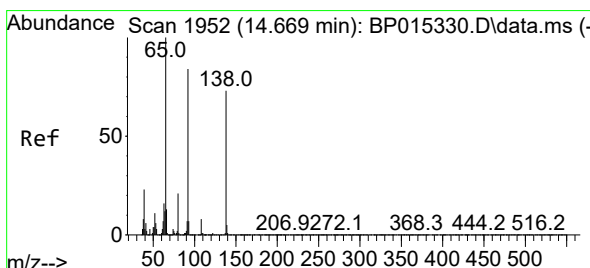
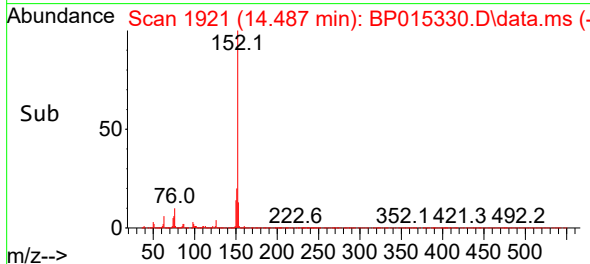
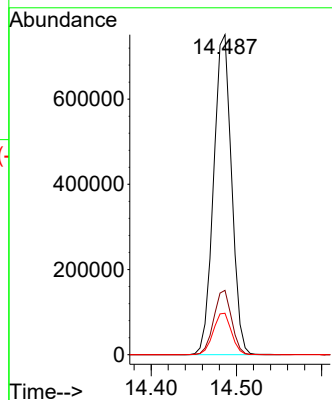
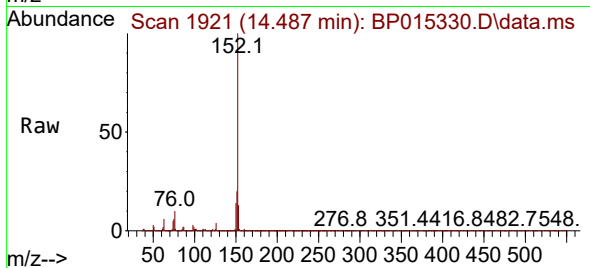
Tgt Ion:152 Resp: 1101064

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.0 10.3 15.5



#51

3-Nitroaniline

Concen: 21.907 ng/ul

RT: 14.669 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

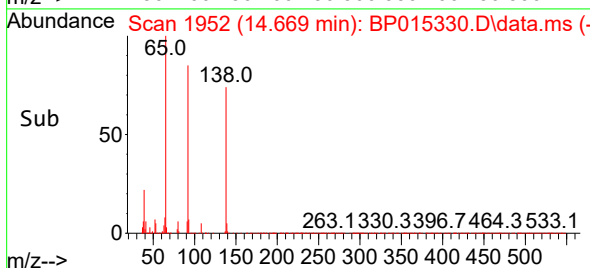
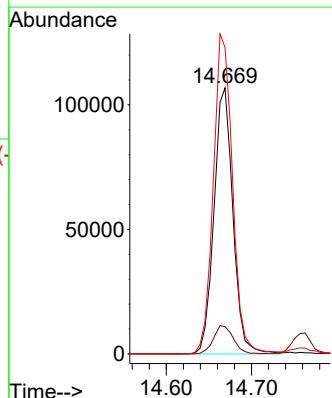
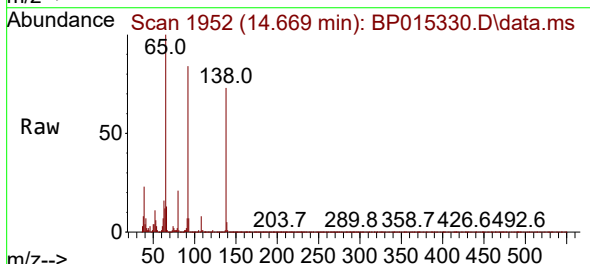
Tgt Ion:138 Resp: 164958

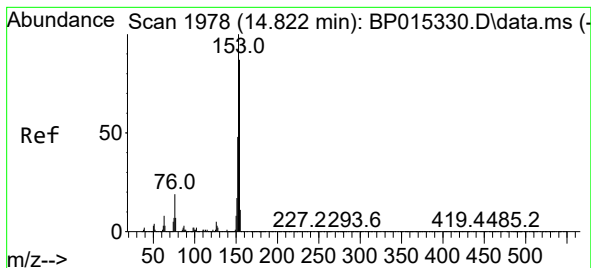
Ion Ratio Lower Upper

138 100

108 10.3 8.8 13.2

92 115.2 93.4 140.0





#52

Acenaphthene

Concen: 21.434 ng/ul

RT: 14.822 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

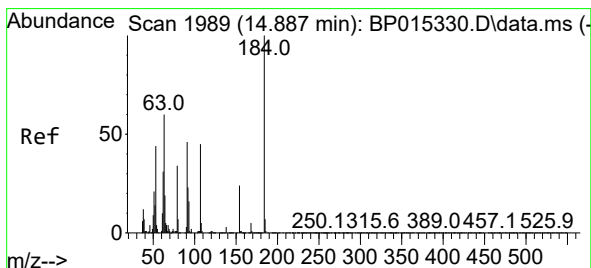
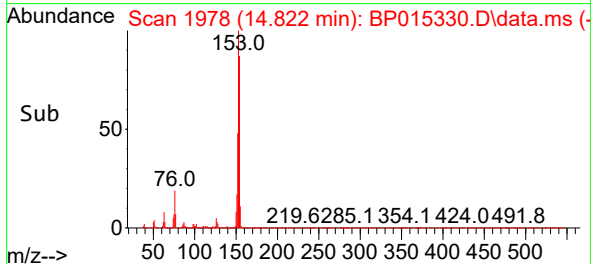
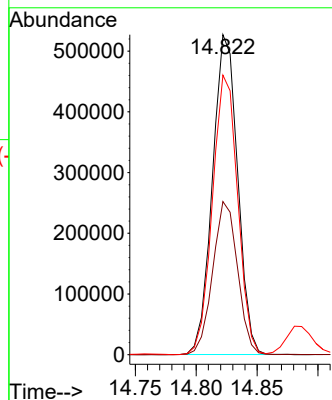
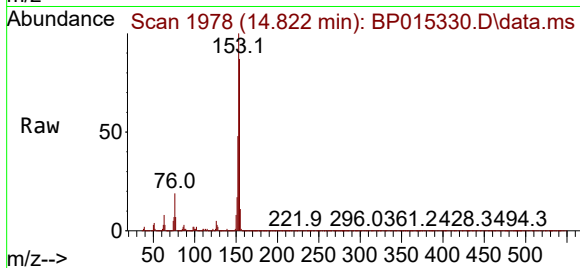
Tgt Ion:153 Resp: 757143

Ion Ratio Lower Upper

153 100

152 47.8 38.0 57.0

154 87.3 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 20.273 ng/ul

RT: 14.887 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

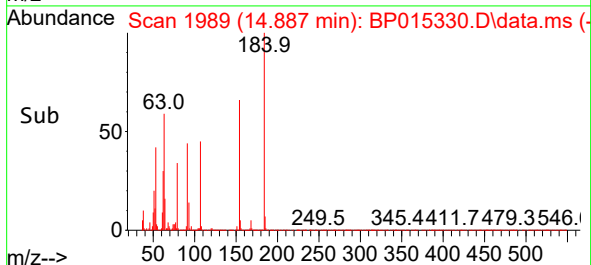
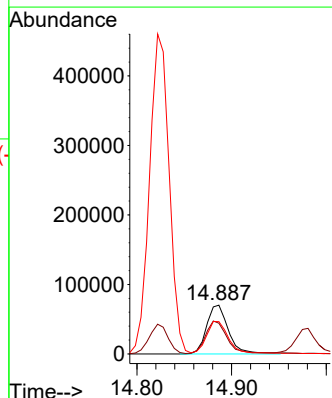
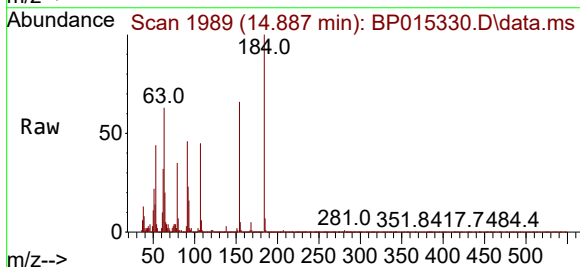
Tgt Ion:184 Resp: 112560

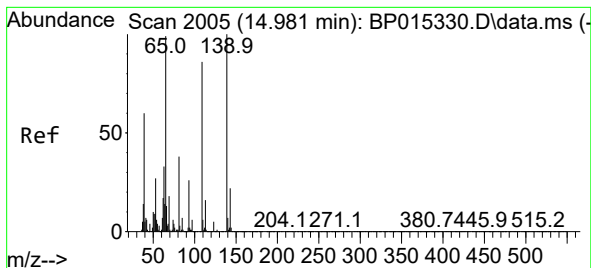
Ion Ratio Lower Upper

184 100

63 62.9 49.7 74.5

154 66.1 47.5 71.3

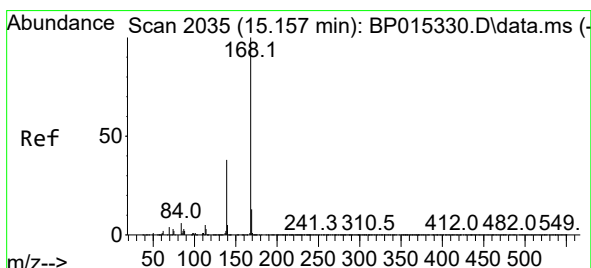
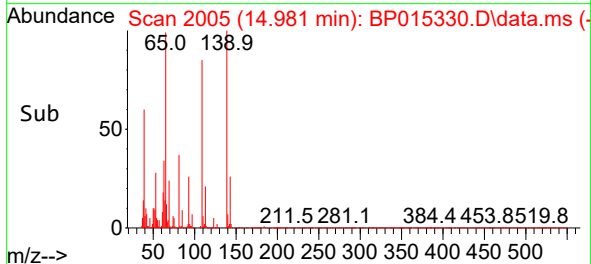
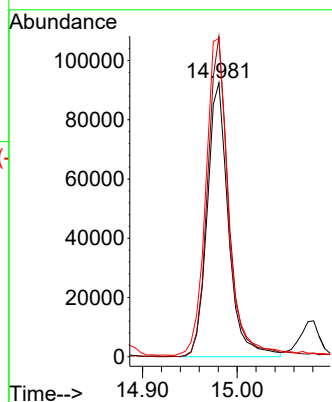
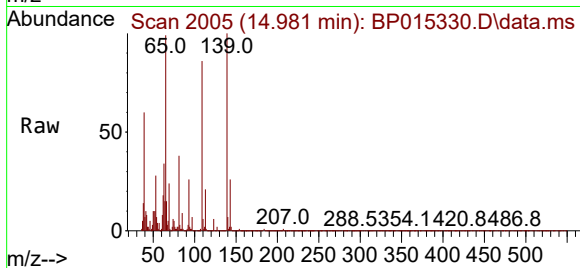




#55
4-Nitrophenol
Concen: 24.962 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

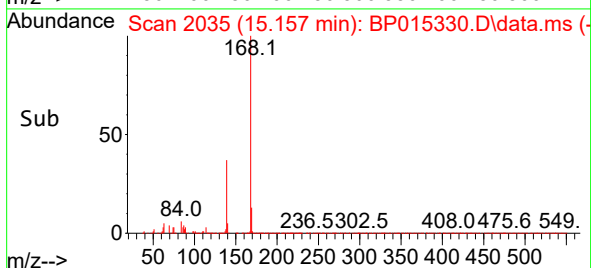
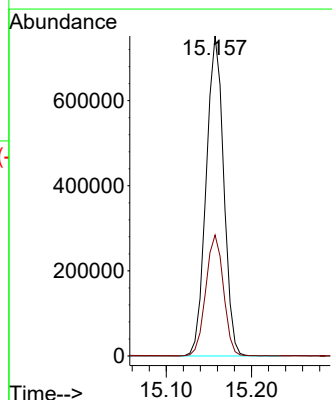
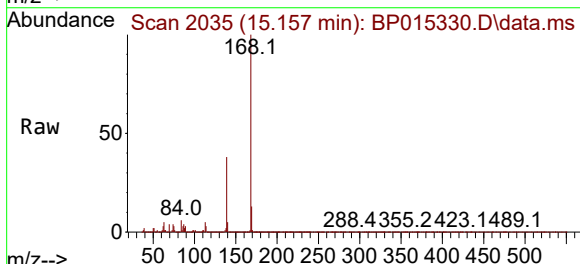
Instrument :
BNA_P
ClientSampleId :
SSTD020731

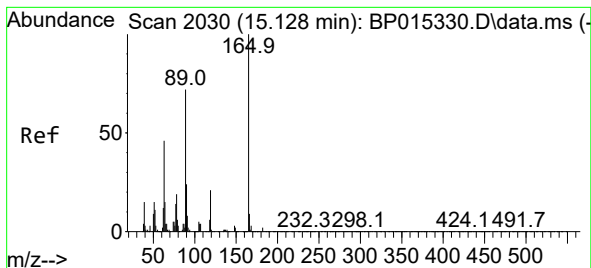
Tgt Ion:109 Resp: 144491
Ion Ratio Lower Upper
109 100
139 116.8 115.3 172.9
65 116.1 107.9 161.9



#56
Dibenzofuran
Concen: 21.834 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:168 Resp: 1072823
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0

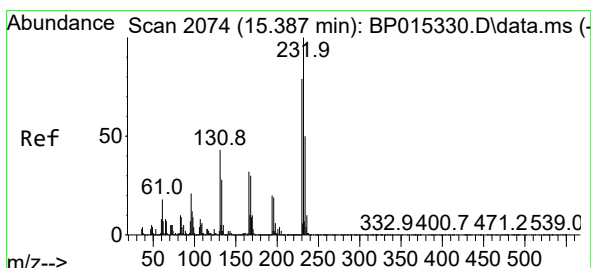
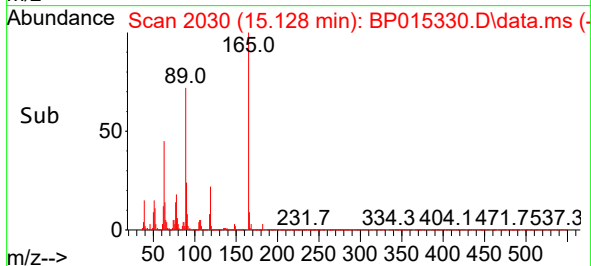
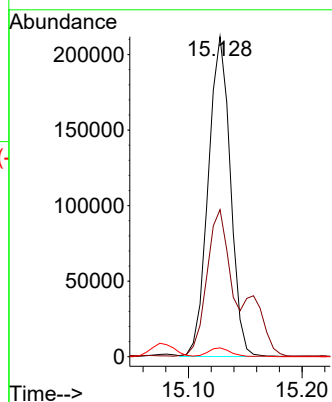
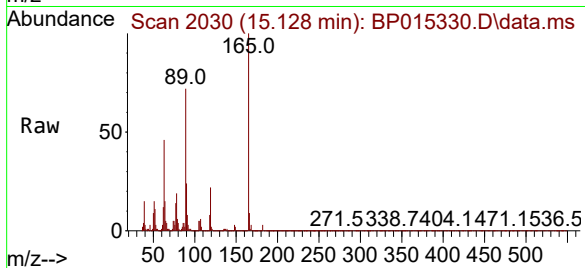




#57
2,4-Dinitrotoluene
Concen: 23.741 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

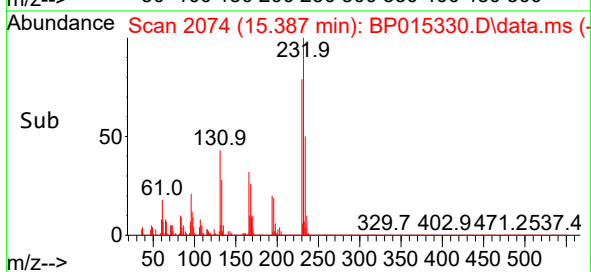
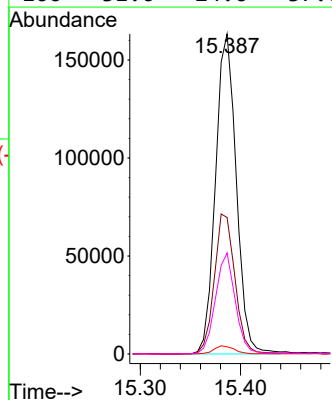
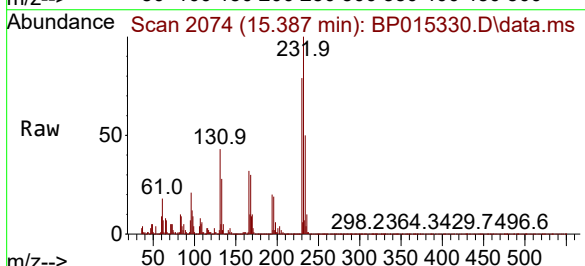
Instrument :
BNA_P
ClientSampleId :
SSTD020731

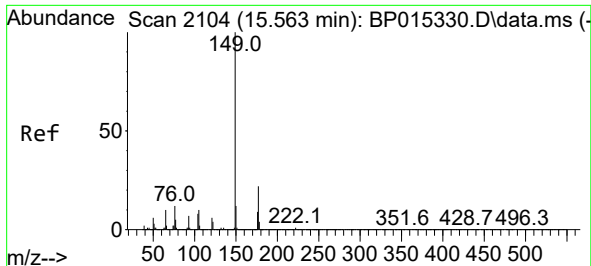
Tgt Ion:165 Resp: 287277
Ion Ratio Lower Upper
165 100
63 45.9 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.624 ng/ul
RT: 15.387 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:232 Resp: 234507
Ion Ratio Lower Upper
232 100
131 42.7 36.8 55.2
130 2.3 1.9 2.9
166 31.6 24.6 37.0

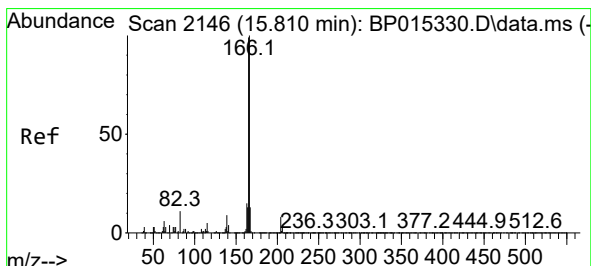
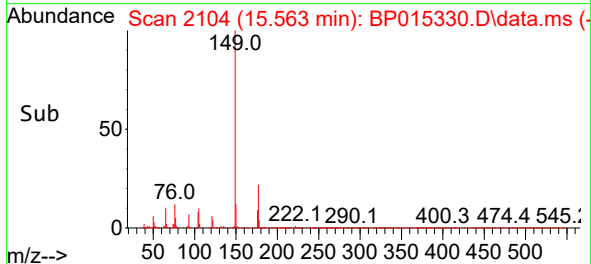
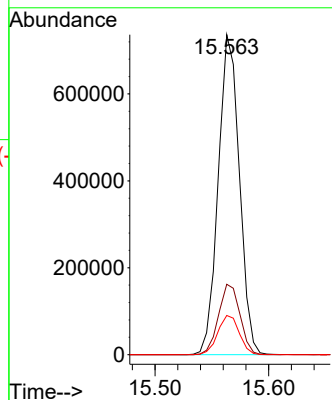
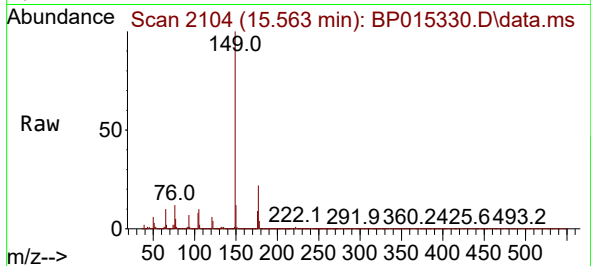




#59
Diethylphthalate
Concen: 22.650 ng/ul
RT: 15.563 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

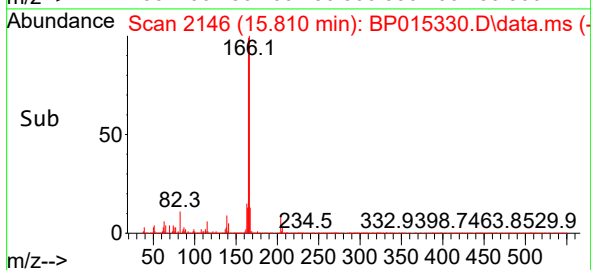
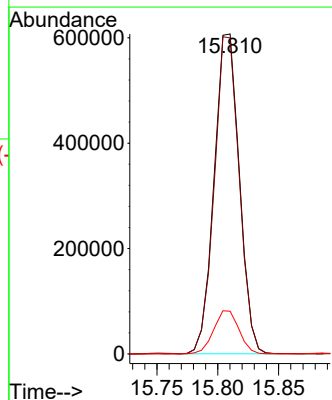
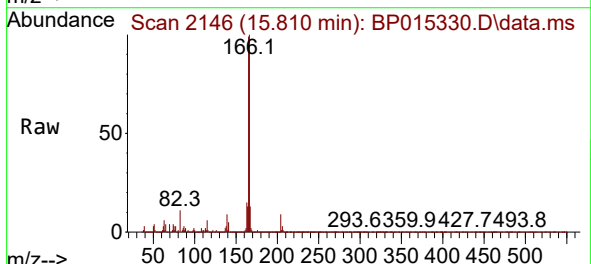
Instrument :
BNA_P
ClientSampleId :
SSTD020731

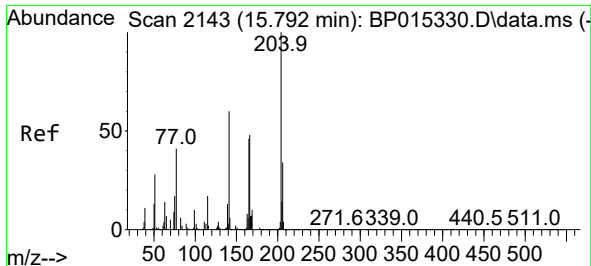
Tgt Ion:149 Resp: 953562
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.3 9.8 14.8



#61
Fluorene
Concen: 22.157 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:166 Resp: 874866
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.6
167 13.3 10.6 15.8

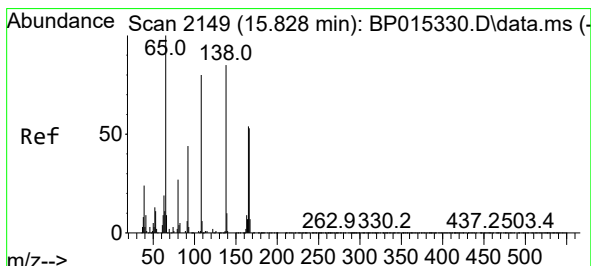
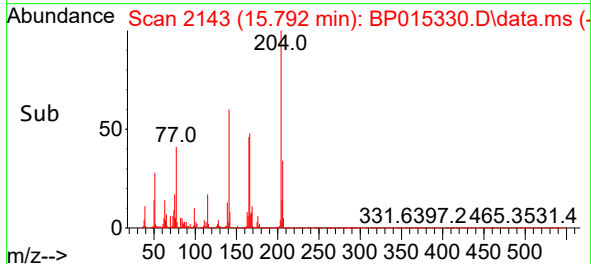
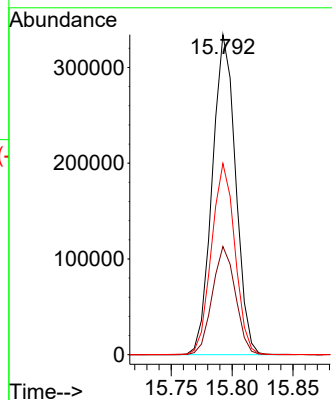
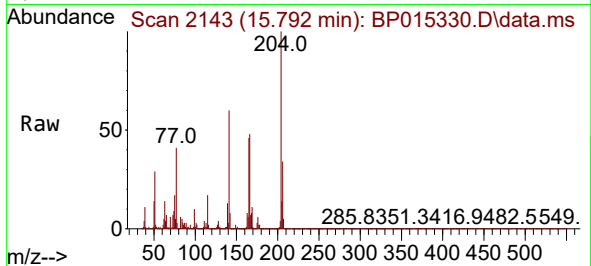




#62
4-Chlorophenyl-phenylether
Concen: 23.090 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

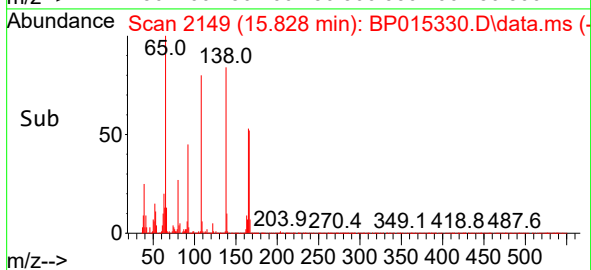
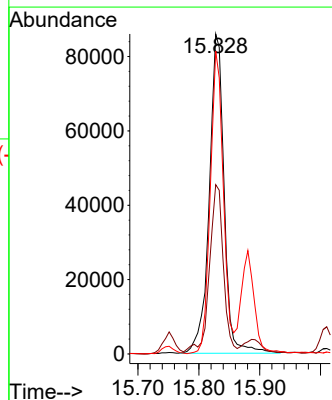
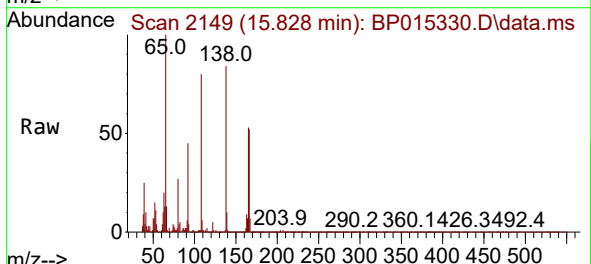
Instrument :
BNA_P
ClientSampleId :
SSTD020731

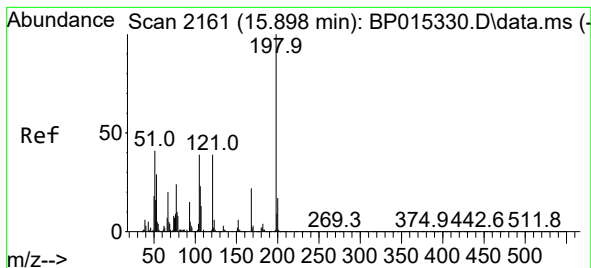
Tgt Ion:204 Resp: 445476
Ion Ratio Lower Upper
204 100
206 33.8 26.1 39.1
141 59.8 44.5 66.7



#63
4-Nitroaniline
Concen: 22.517 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:138 Resp: 146418
Ion Ratio Lower Upper
138 100
92 52.9 41.2 61.8
108 94.7 60.1 90.1#

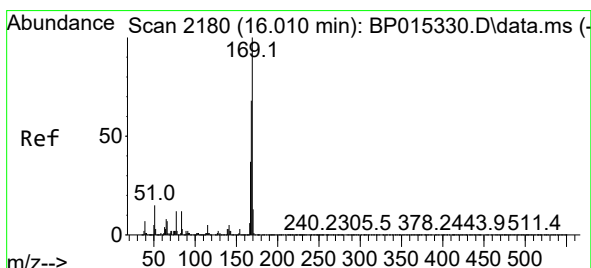
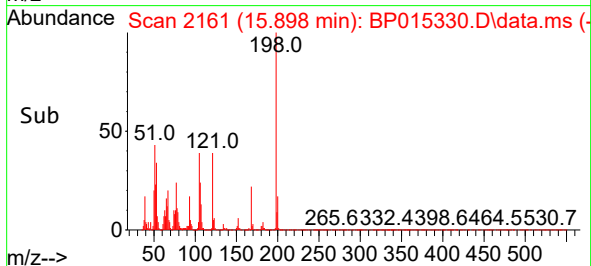
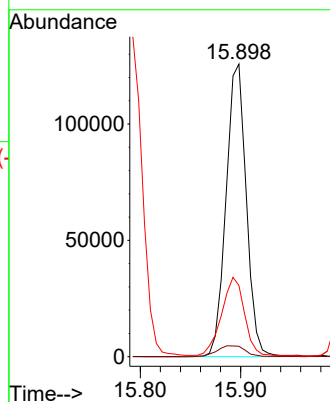
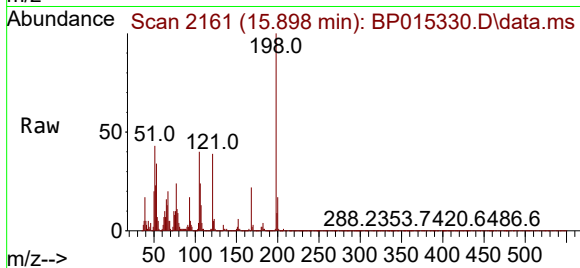




#66
4,6-Dinitro-2-methylphenol
Concen: 21.965 ng/ul
RT: 15.898 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

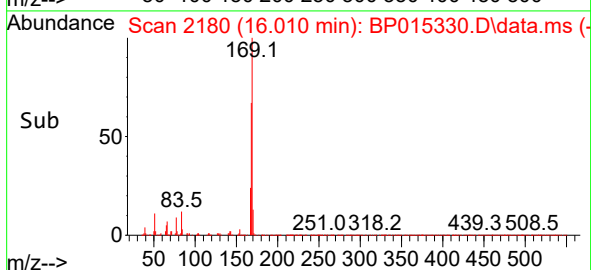
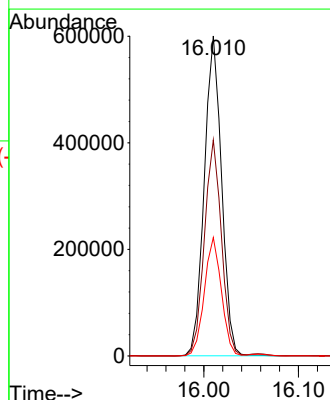
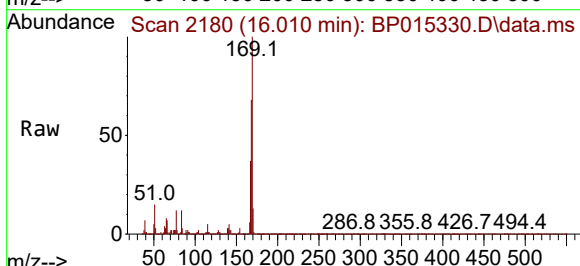
Instrument :
BNA_P
ClientSampleId :
SSTD020731

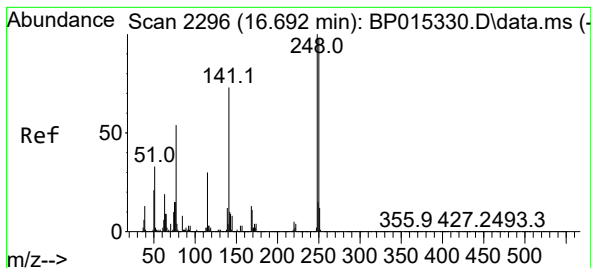
Tgt Ion:198 Resp: 176130
Ion Ratio Lower Upper
198 100
182 3.6 3.7 5.5#
77 24.3 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.004 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:169 Resp: 761423
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 37.0 28.9 43.3

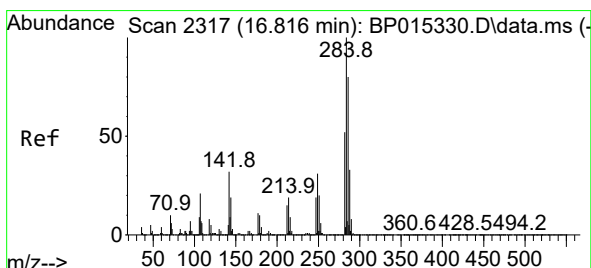
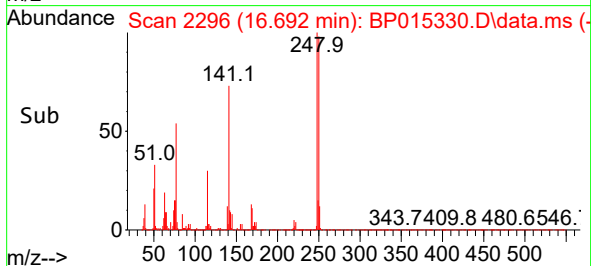
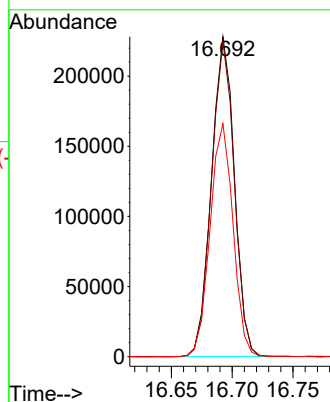
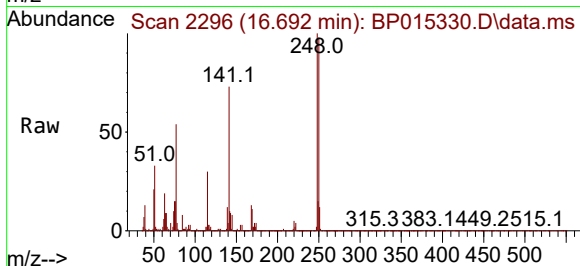




#68
4-Bromophenyl-phenylether
Concen: 23.558 ng/ul
RT: 16.692 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

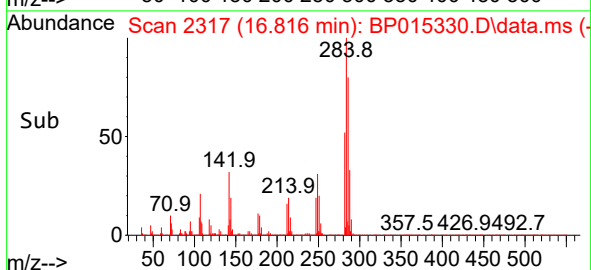
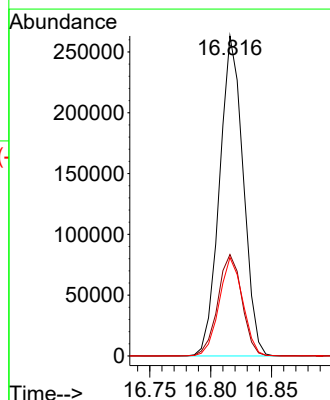
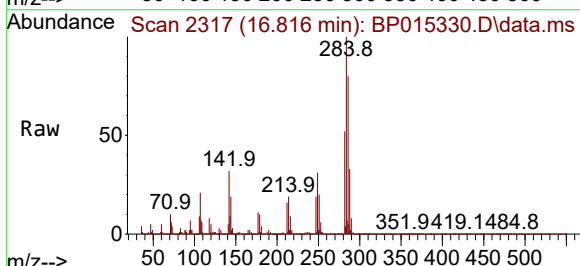
Instrument :
BNA_P
ClientSampleId :
SSTD020731

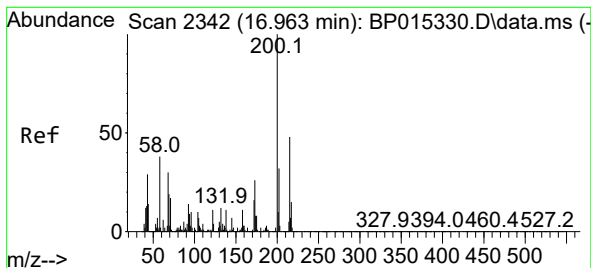
Tgt Ion:248 Resp: 299159
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.4
141 72.8 58.6 87.8



#69
Hexachlorobenzene
Concen: 23.729 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:284 Resp: 356087
Ion Ratio Lower Upper
284 100
142 31.7 27.3 40.9
249 30.8 24.6 36.8





#70

Atrazine

Concen: 23.514 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

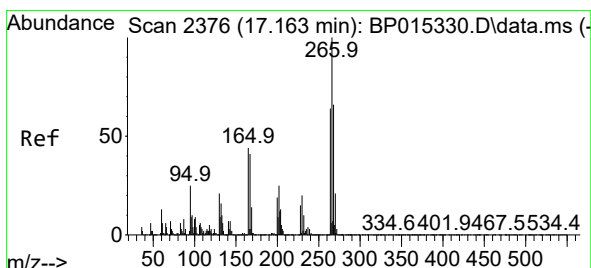
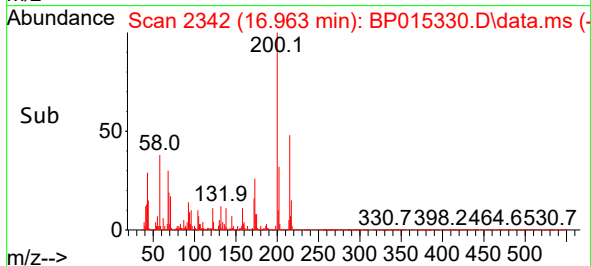
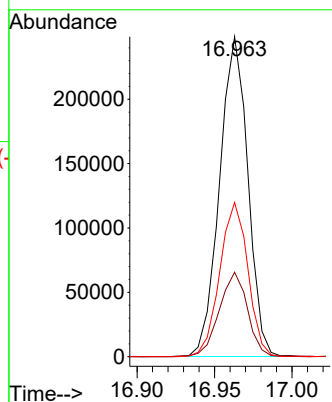
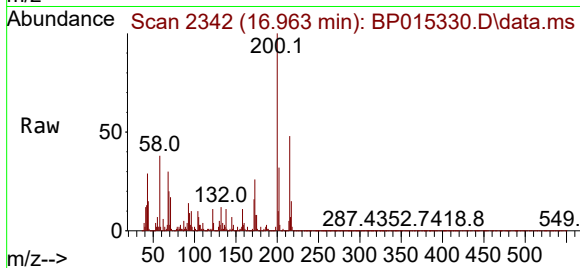
Tgt Ion:200 Resp: 315063

Ion Ratio Lower Upper

200 100

173 26.4 21.4 32.2

215 48.2 38.1 57.1



#71

Pentachlorophenol

Concen: 20.008 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

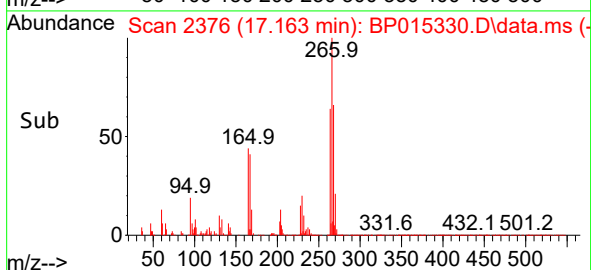
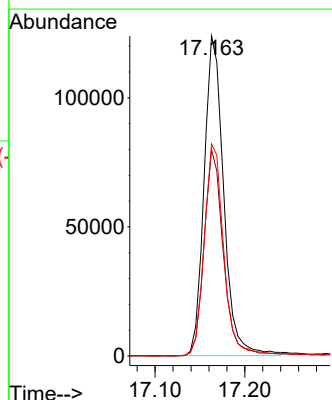
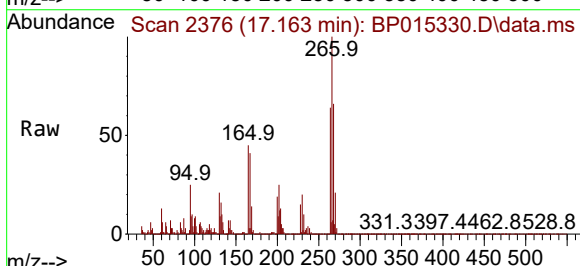
Tgt Ion:266 Resp: 187811

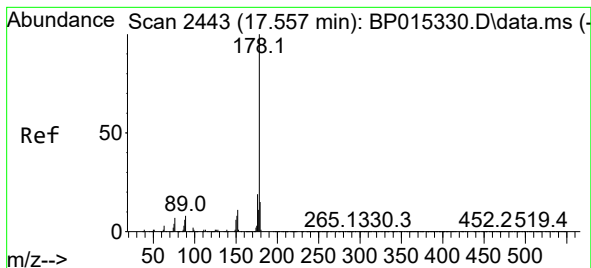
Ion Ratio Lower Upper

266 100

264 64.5 51.0 76.4

268 66.2 51.8 77.6





#72

Phenanthrene

Concen: 21.102 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

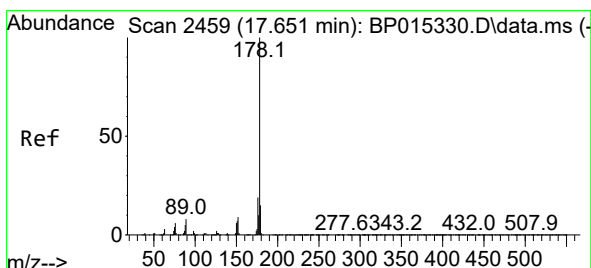
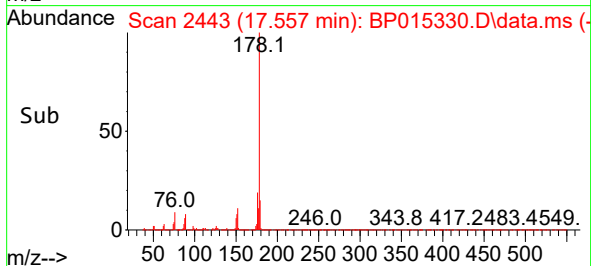
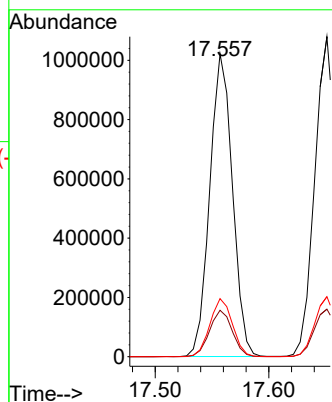
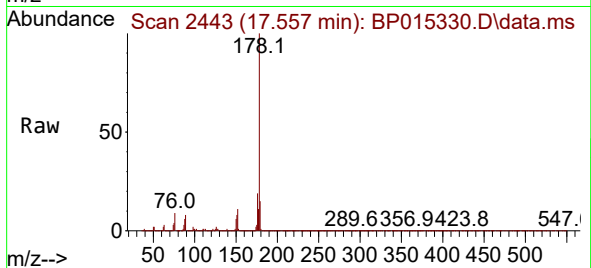
Tgt Ion:178 Resp: 1416644

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.2 15.6 23.4



#74

Anthracene

Concen: 21.367 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

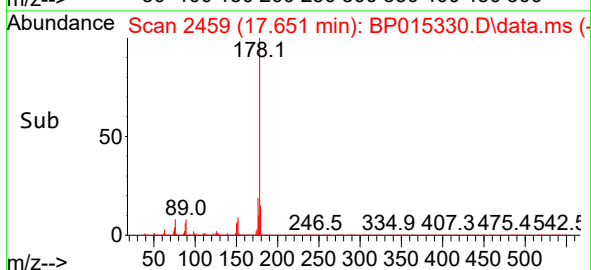
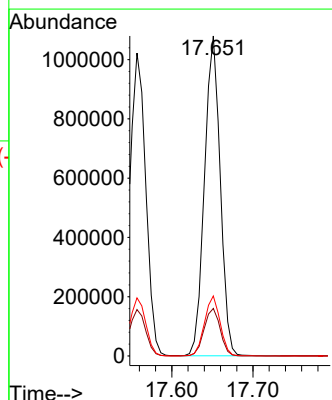
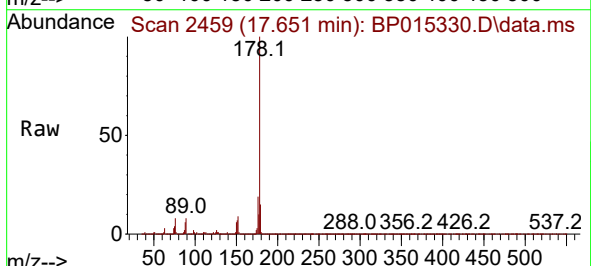
Tgt Ion:178 Resp: 1450525

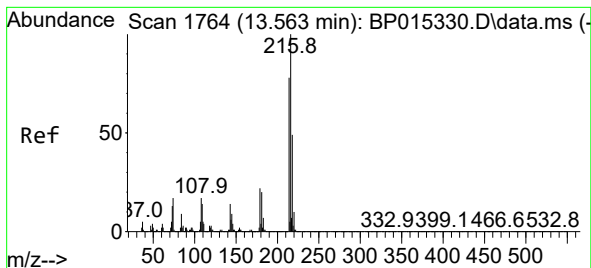
Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.725 ng/uL

RT: 13.563 min Scan# 1764

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

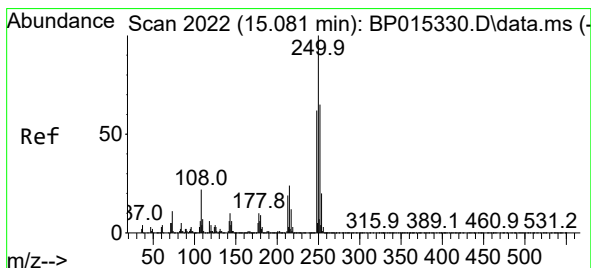
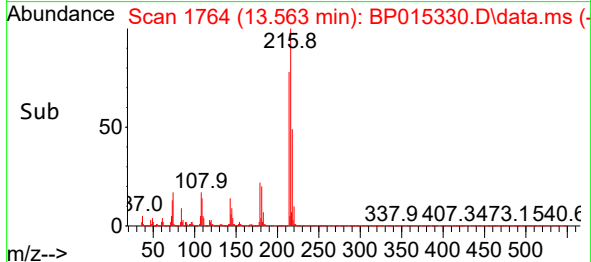
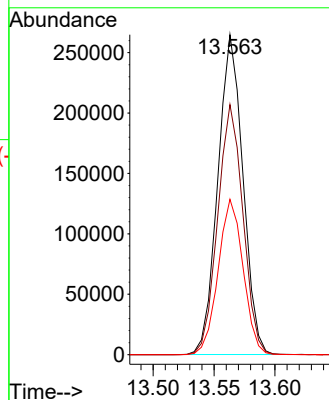
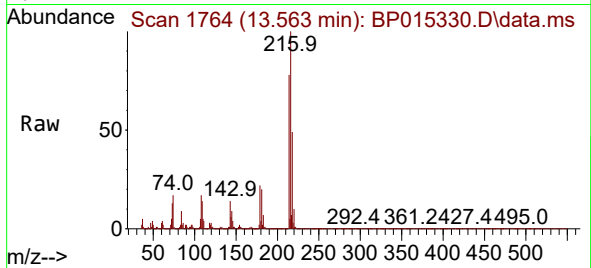
Tgt Ion:216 Resp: 379759

Ion Ratio Lower Upper

216 100

214 78.2 62.2 93.4

218 48.5 38.2 57.2



#76

Pentachlorobenzene

Concen: 23.021 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

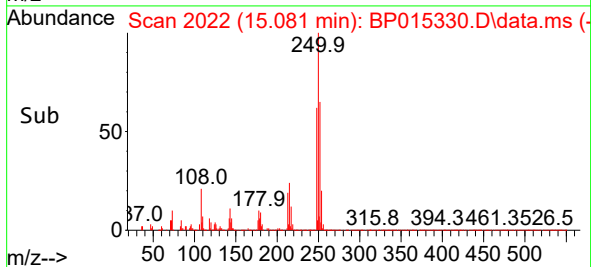
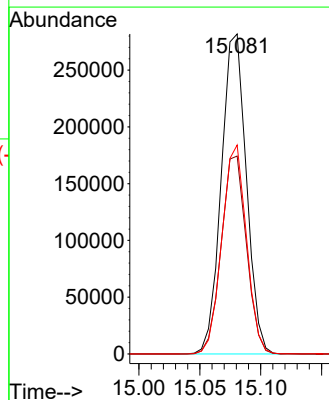
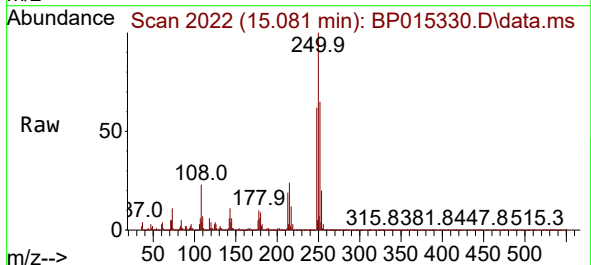
Tgt Ion:250 Resp: 404051

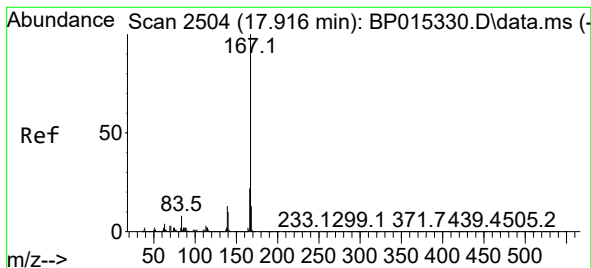
Ion Ratio Lower Upper

250 100

248 61.9 49.8 74.6

252 65.3 51.6 77.4





#77

Carbazole

Concen: 22.016 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

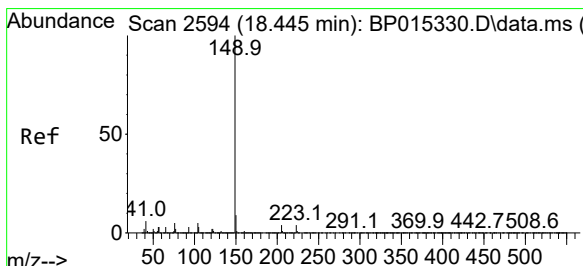
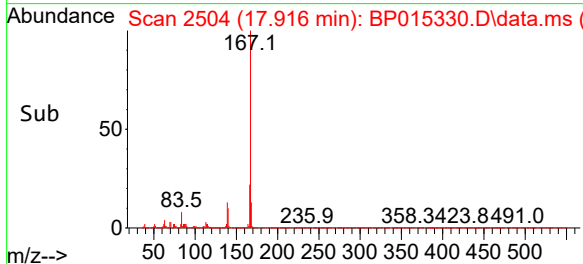
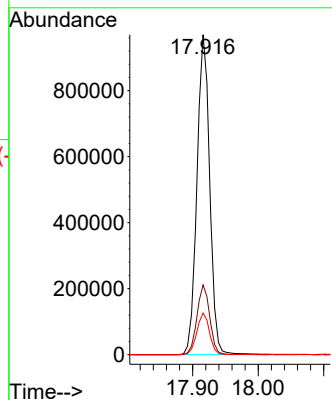
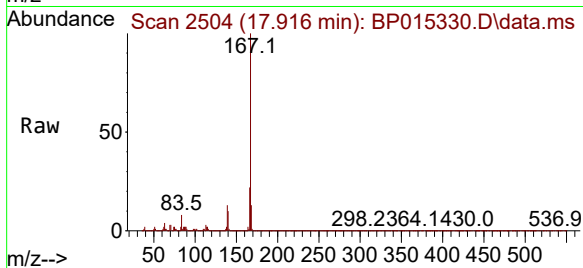
Tgt Ion:167 Resp: 1310603

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 22.186 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

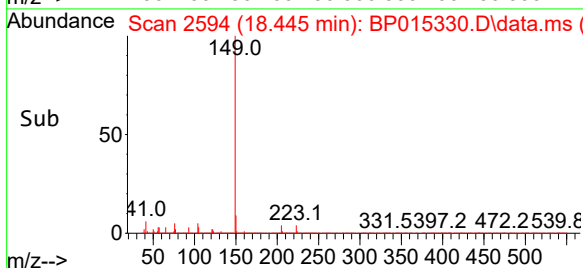
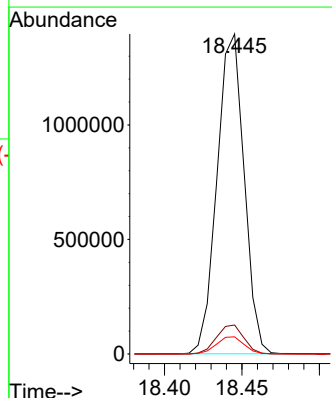
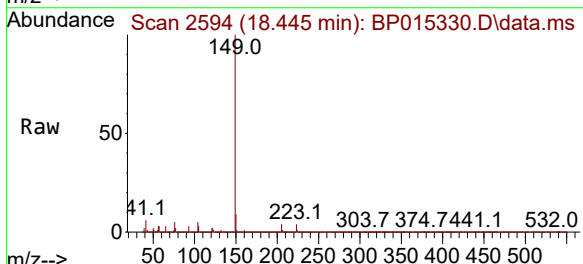
Tgt Ion:149 Resp: 1700758

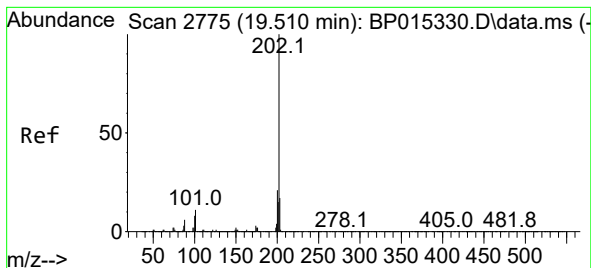
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 21.766 ng/ul

RT: 19.510 min Scan# 2775

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

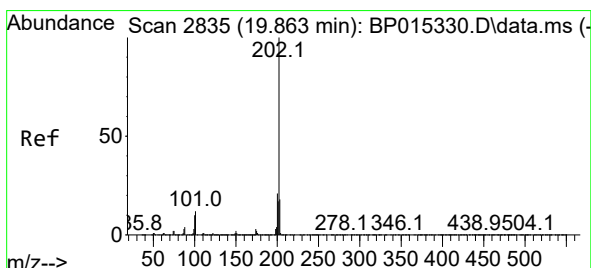
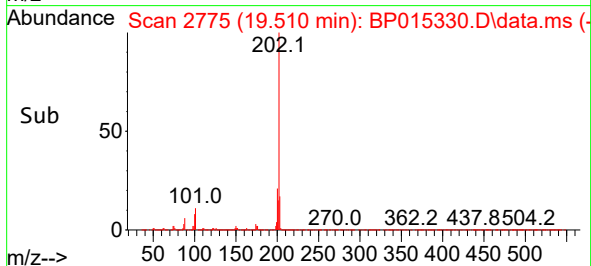
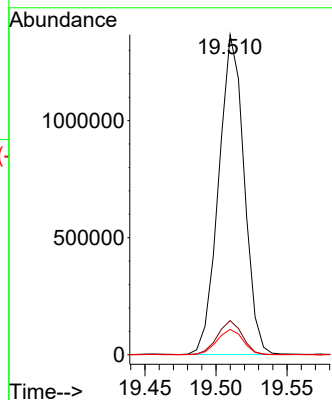
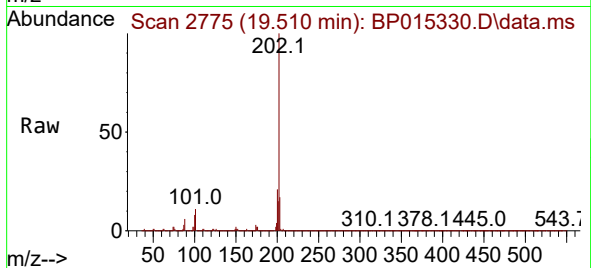
Tgt Ion:202 Resp: 1704129

Ion Ratio Lower Upper

202 100

101 10.6 9.5 14.3

100 7.9 7.3 10.9



#82

Pyrene

Concen: 21.590 ng/ul

RT: 19.863 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

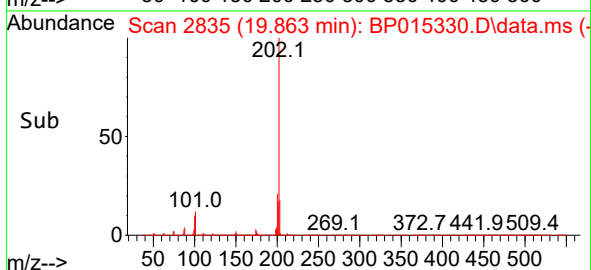
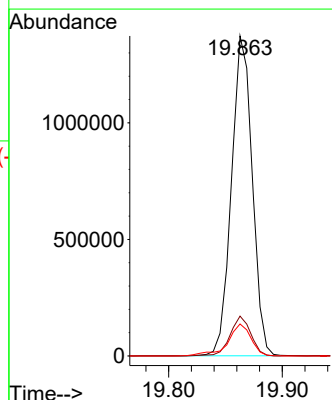
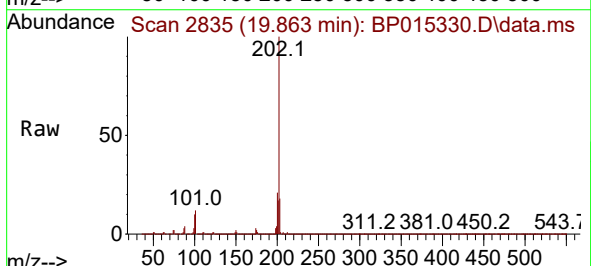
Tgt Ion:202 Resp: 1745515

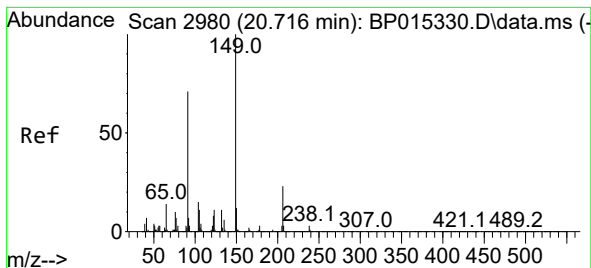
Ion Ratio Lower Upper

202 100

101 12.4 11.2 16.8

100 10.0 9.0 13.6





#83

Butylbenzylphthalate

Concen: 21.474 ng/ul

RT: 20.716 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

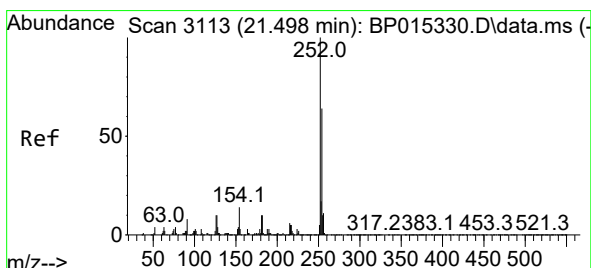
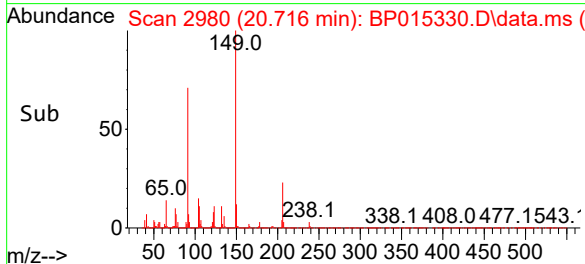
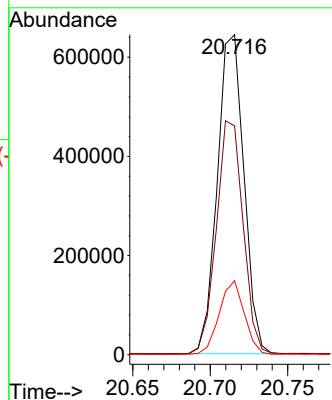
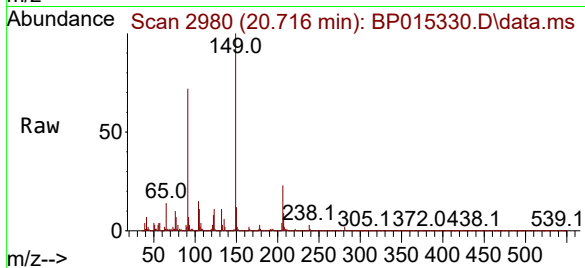
Tgt Ion:149 Resp: 769680

Ion Ratio Lower Upper

149 100

91 71.5 57.4 86.2

206 23.1 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 23.763 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

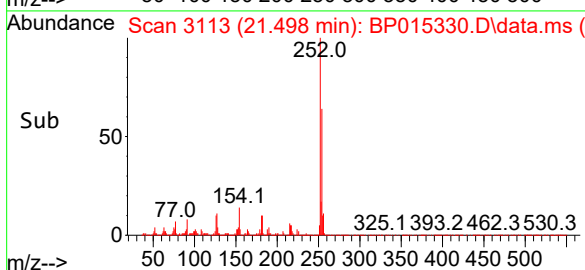
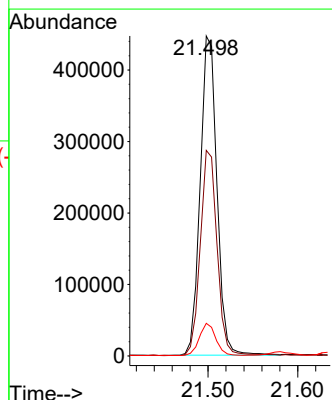
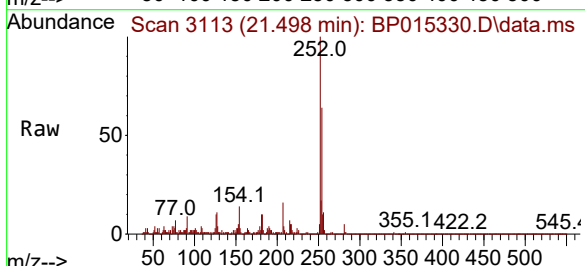
Tgt Ion:252 Resp: 578015

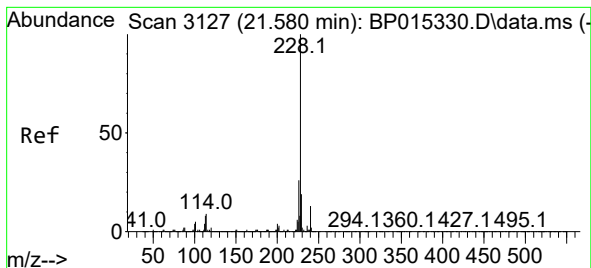
Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 10.2 9.8 14.8





#85

Benzo(a)anthracene

Concen: 21.550 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

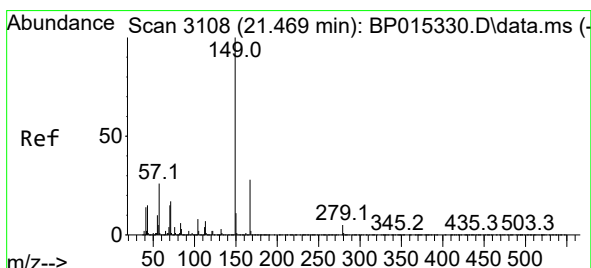
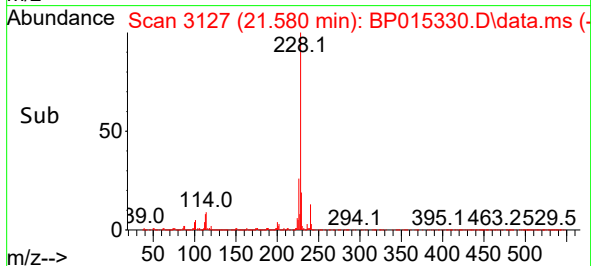
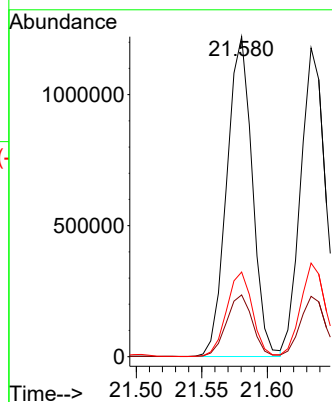
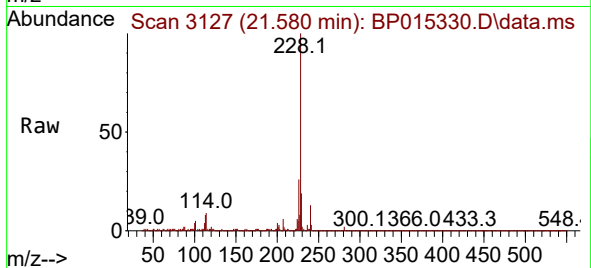
Tgt Ion:228 Resp: 1650272

Ion Ratio Lower Upper

228 100

229 19.3 16.1 24.1

226 26.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.245 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

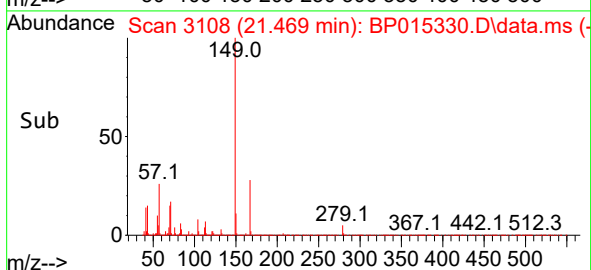
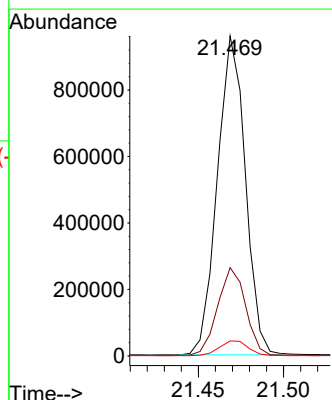
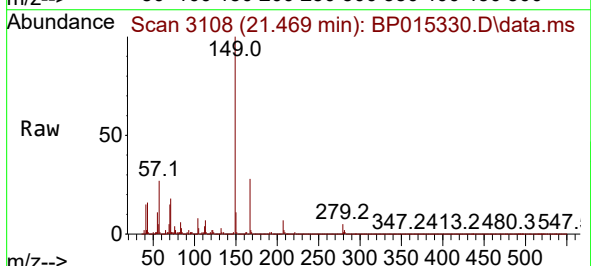
Tgt Ion:149 Resp: 1096275

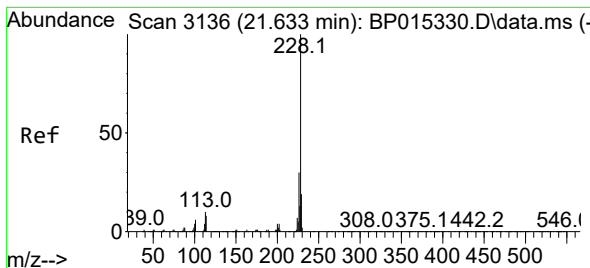
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.7 3.2 4.8





#87

Chrysene

Concen: 21.129 ng/ul

RT: 21.633 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

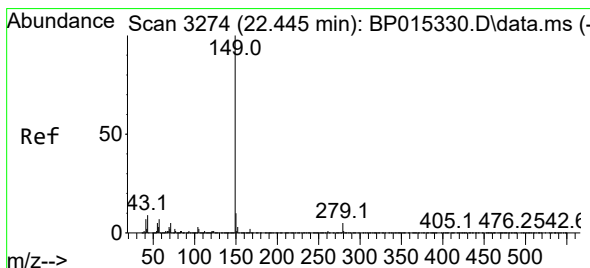
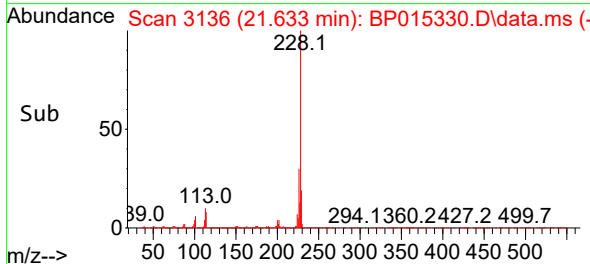
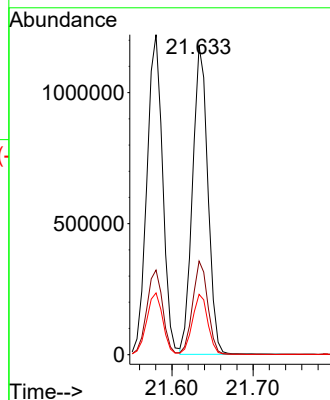
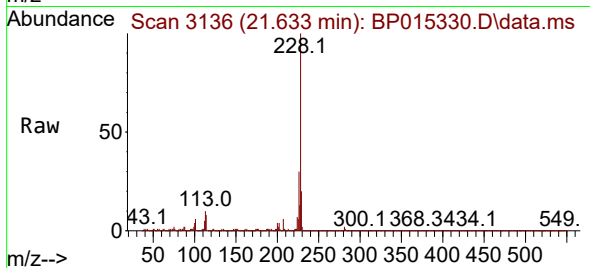
Tgt Ion:228 Resp: 1546729

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 22.014 ng/ul

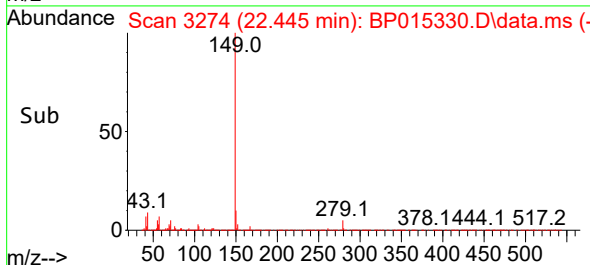
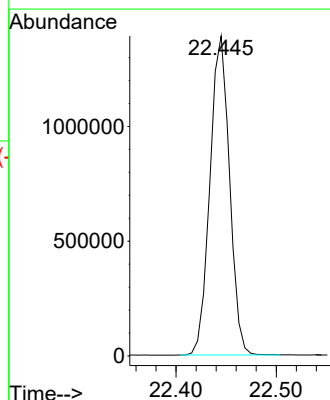
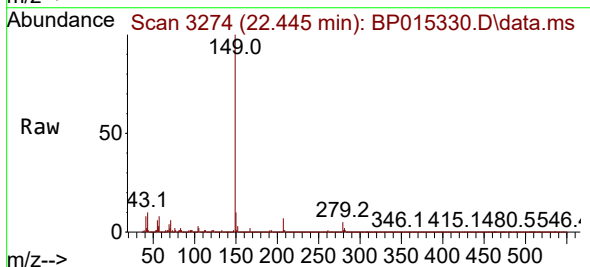
RT: 22.445 min Scan# 3274

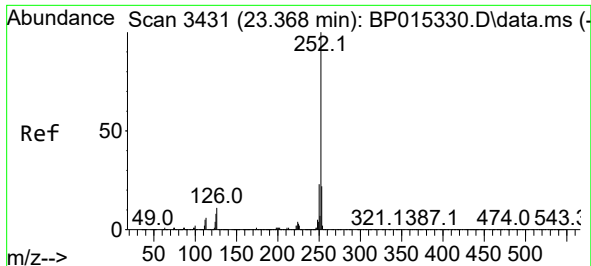
Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Tgt Ion:149 Resp: 1883451

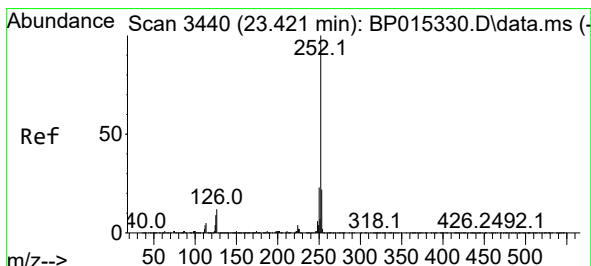
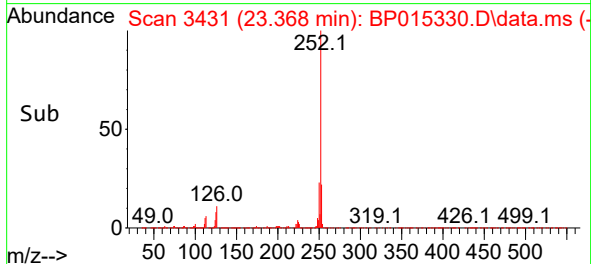
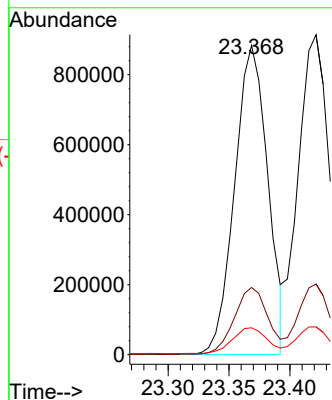
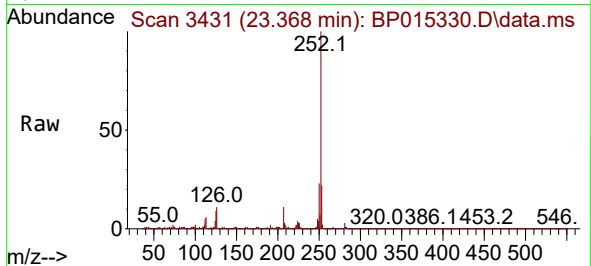




#90
Benzo(b)fluoranthene
Concen: 21.047 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

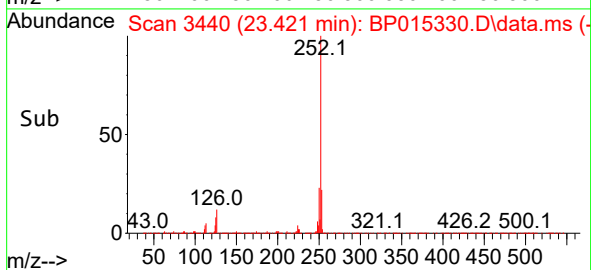
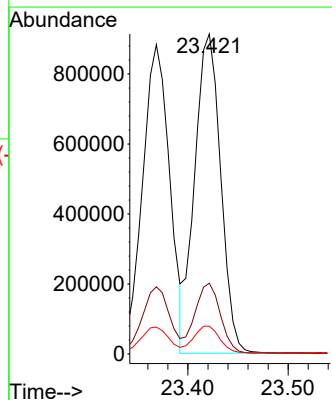
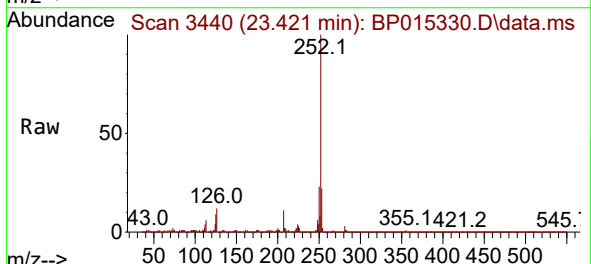
Instrument :
BNA_P
ClientSampleId :
SSTD020731

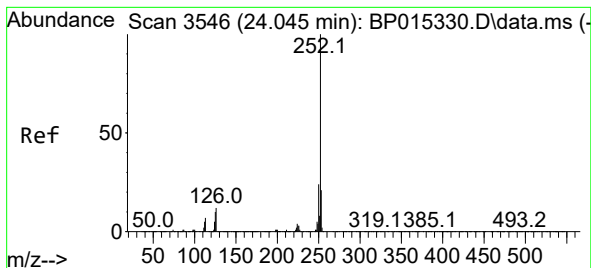
Tgt Ion:252 Resp: 1666794
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.7 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 21.634 ng/ul
RT: 23.421 min Scan# 3440
Delta R.T. 0.000 min
Lab File: BP015330.D
Acq: 30 May 2023 12:04

Tgt Ion:252 Resp: 1645130
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 20.794 ng/ul

RT: 24.045 min Scan# 3546

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

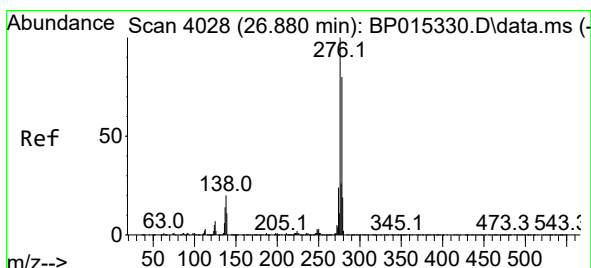
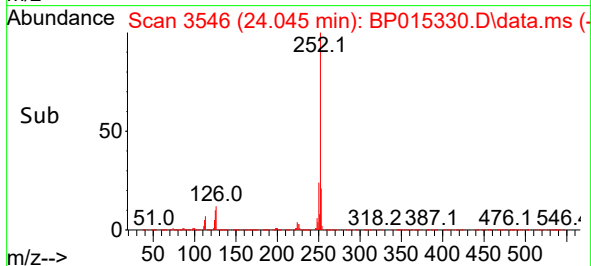
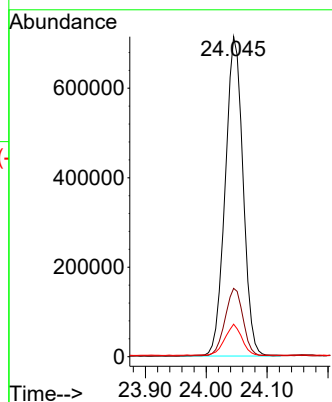
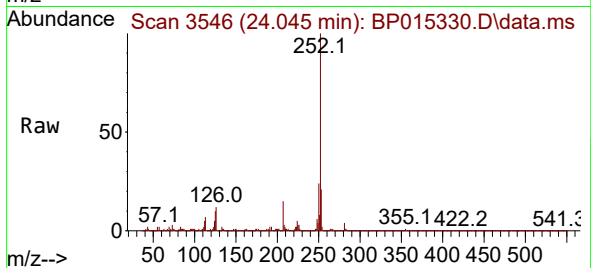
Tgt Ion:252 Resp: 1455579

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 10.1 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.638 ng/ul

RT: 26.880 min Scan# 4028

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

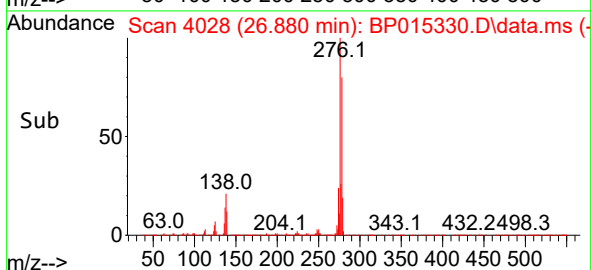
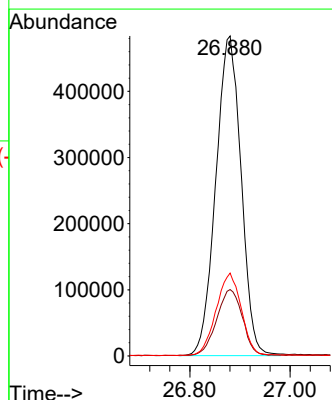
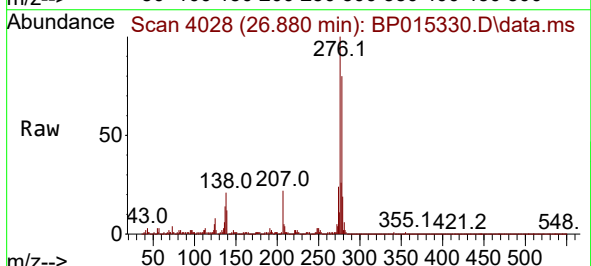
Tgt Ion:276 Resp: 1689289

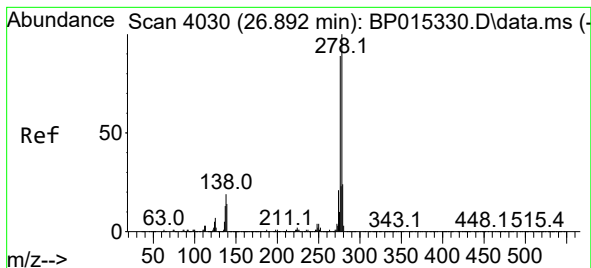
Ion Ratio Lower Upper

276 100

138 20.7 20.1 30.1

277 25.9 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 18.859 ng/ul

RT: 26.892 min Scan# 4030

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Instrument :

BNA_P

ClientSampleId :

SSTD020731

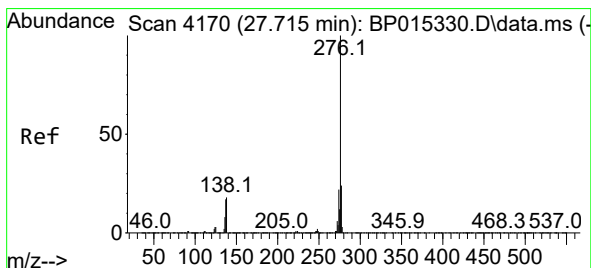
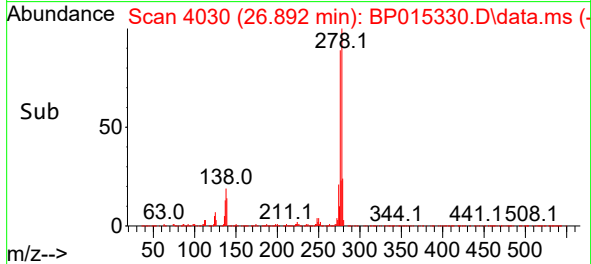
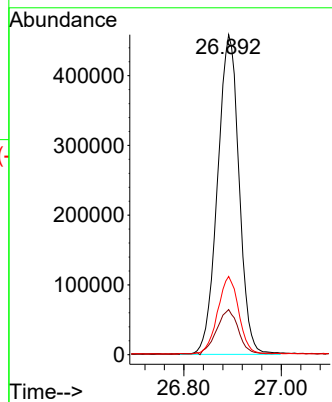
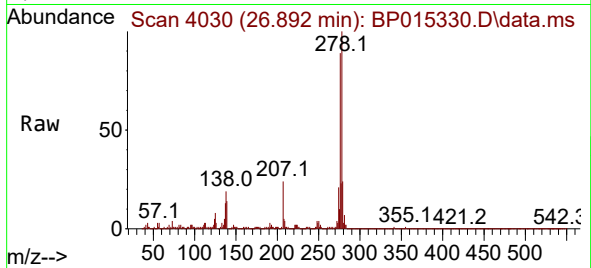
Tgt Ion:278 Resp: 1403162

Ion Ratio Lower Upper

278 100

139 14.1 13.3 19.9

279 24.5 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 18.125 ng/ul

RT: 27.715 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BP015330.D

Acq: 30 May 2023 12:04

Tgt Ion:276 Resp: 1339611

Ion Ratio Lower Upper

276 100

138 18.3 17.7 26.5

277 23.9 18.8 28.2

