

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015013.D
 Acq On : 09 May 2023 08:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020703

Quant Time: May 09 22:11:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	368989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1685146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.804	164	1039361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	2177028	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1663736	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1408933	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	61217	6.169	ng/uL	0.00
4) Pyridine-d5	3.893	84	436108	16.078	ng/u1	0.00
7) Phenol-d5	7.305	99	555502	17.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	329929	16.686	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	415095	17.647	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	439023	17.808	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	210775	17.587	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	230524	18.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.604	165	434865	17.996	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.128	131	625525	17.897	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	1243490	16.904	ng/u1	0.00
49) Acenaphthylene-d8	14.498	160	1481617	16.794	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	226439	17.694	ng/u1	0.00
60) Fluorene-d10	15.798	176	1084785	17.141	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	185368	15.126	ng/u1	0.00
73) Anthracene-d10	17.663	188	1667494	17.047	ng/u1	0.00
81) Pyrene-d10	19.880	212	1778491	15.850	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1136067	16.549	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	64980	6.044	ng/uL	99
5) Pyridine	3.917	79	451373	15.984	ng/u1	99
6) Benzaldehyde	7.287	77	182408	20.855	ng/u1	99
8) Phenol	7.334	94	575390	17.132	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.569	93	463088	16.588	ng/u1	99
12) 2-Chlorophenol	7.716	128	445425	17.480	ng/u1	100
13) 2-Methylphenol	8.605	108	441381	17.625	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.693	45	599091	16.919	ng/u1	99
16) Acetophenone	8.993	105	721522	17.900	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.975	70	364197	17.728	ng/u1	99
18) 4-Methylphenol	8.934	108	489364	17.676	ng/u1	100
19) Hexachloroethane	9.257	117	180189	16.298	ng/u1	98
22) Nitrobenzene	9.381	77	528905	16.796	ng/u1	96
23) Isophorone	9.910	82	1043311	16.764	ng/u1	100
25) 2-Nitrophenol	10.099	139	257892	18.221	ng/u1	98
26) 2,4-Dimethylphenol	10.152	107	525570	17.111	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.393	93	654040	16.438	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	443871	17.759	ng/u1	99
30) Naphthalene	11.046	128	1514988	16.355	ng/u1	100
32) 4-Chloroaniline	11.151	127	650098	17.824	ng/u1	100
33) Hexachlorobutadiene	11.328	225	260156	16.131	ng/u1	100
34) Caprolactam	11.922	113	100442	13.044	ng/u1	98
35) 4-Chloro-3-methylphenol	12.263	107	440592	17.148	ng/u1	97
36) 2-Methylnaphthalene	12.646	142	1004341	17.533	ng/u1	99

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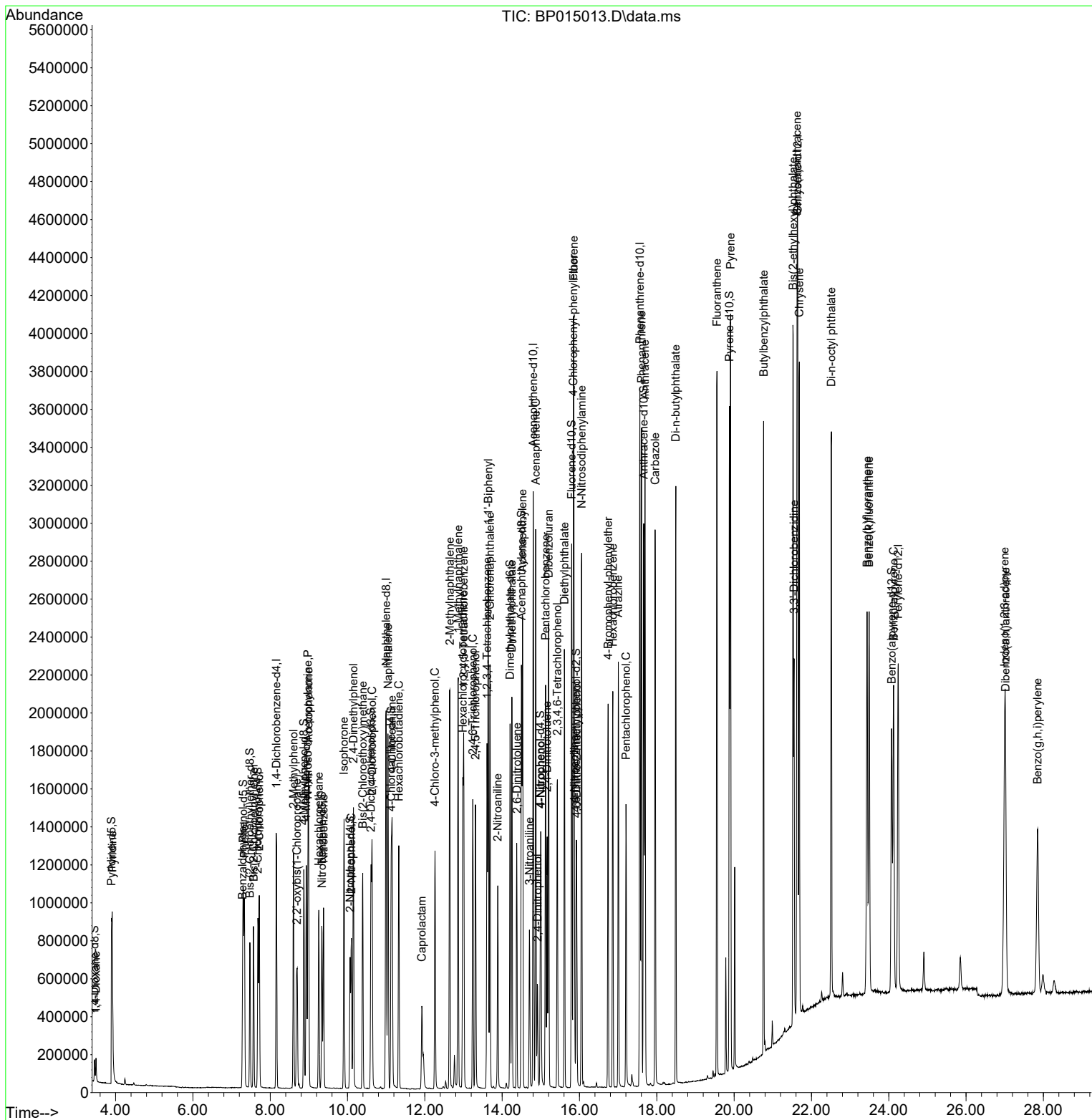
Instrument :
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 ClientSampleId :
 SSTD020703

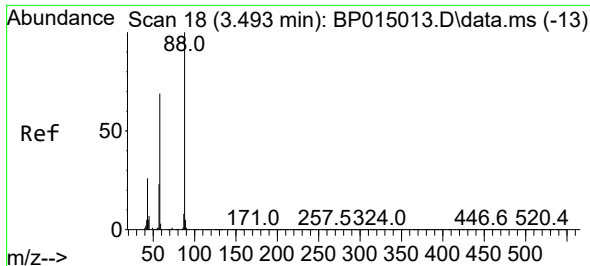
Quant Time: May 09 22:11:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	1015921	17.205	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.004	216	525169	16.199	ng/ul	98
40) Hexachlorocyclopentadiene	12.981	237	386013	17.658	ng/ul	100
41) 2,4,6-Trichlorophenol	13.240	196	349835	17.512	ng/ul	99
42) 2,4,5-Trichlorophenol	13.310	196	377334	17.525	ng/ul	96
43) 1,1'-Biphenyl	13.640	154	1355433	16.312	ng/ul	99
44) 2-Chloronaphthalene	13.687	162	1065651	16.464	ng/ul	100
45) 2-Nitroaniline	13.887	65	283956	18.839	ng/ul	98
47) Dimethylphthalate	14.251	163	1303791	16.856	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	252488	18.472	ng/ul	96
50) Acenaphthylene	14.528	152	1670838	16.705	ng/ul	100
51) 3-Nitroaniline	14.704	138	205839	16.644	ng/ul	100
52) Acenaphthene	14.869	153	1143529	16.522	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	114650	13.782	ng/ul	94
55) 4-Nitrophenol	15.004	109	167644	17.210	ng/ul	99
56) Dibenzofuran	15.204	168	1570525	16.816	ng/ul	99
57) 2,4-Dinitrotoluene	15.163	165	366790	19.159	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.428	232	315588	18.010	ng/ul	95
59) Diethylphthalate	15.610	149	1291832	17.675	ng/ul	100
61) Fluorene	15.851	166	1270179	17.241	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.839	204	613268	17.011	ng/ul	99
63) 4-Nitroaniline	15.869	138	184558	17.879	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.928	198	203138	15.627	ng/ul	99
67) N-Nitrosodiphenylamine	16.057	169	1079017	16.330	ng/ul	100
68) 4-Bromophenyl-phenylether	16.739	248	371749	16.415	ng/ul	96
69) Hexachlorobenzene	16.863	284	427623	16.030	ng/ul	97
70) Atrazine	17.004	200	379513	17.068	ng/ul	99
71) Pentachlorophenol	17.204	266	246030	15.799	ng/ul	98
72) Phenanthrene	17.604	178	1986625	16.518	ng/ul	100
74) Anthracene	17.692	178	2022779	16.893	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	538907	14.954	ng/ul	98
76) Pentachlorobenzene	15.122	250	523257	15.262	ng/ul	100
77) Carbazole	17.957	167	1793875	17.812	ng/ul	100
78) Di-n-butylphthalate	18.492	149	2167011	19.242	ng/ul	99
80) Fluoranthene	19.557	202	2202603	15.997	ng/ul	98
82) Pyrene	19.910	202	2286161	15.672	ng/ul	97
83) Butylbenzylphthalate	20.763	149	927760	21.183	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	560434	20.014	ng/ul	98
85) Benzo(a)anthracene	21.627	228	1905594	17.160	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1334964	24.224	ng/ul	99
87) Chrysene	21.686	228	1815032	16.232	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	2178376	26.480	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1593151	17.496	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	1509903	16.293	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1298286	16.258	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.998	276	1469083	15.081	ng/ul	99
95) Dibenzo(a,h)anthracene	27.021	278	1205171	15.095	ng/ul	100
96) Benzo(g,h,i)perylene	27.851	276	1219211	14.706	ng/ul	98

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

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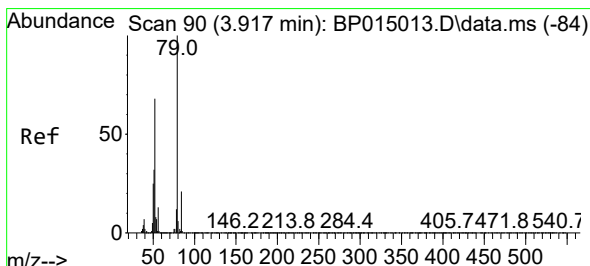
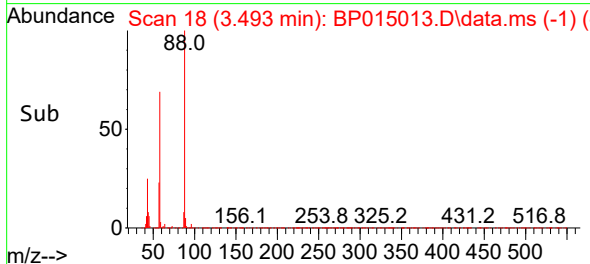
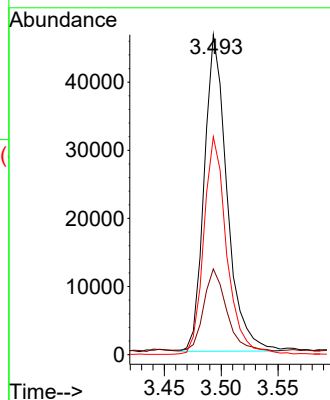
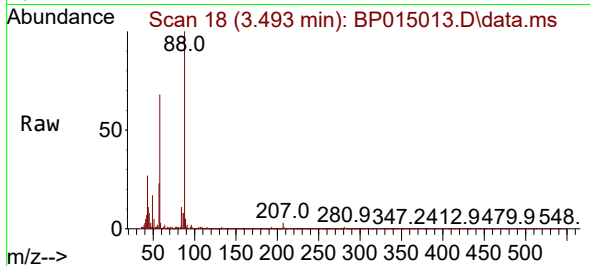




#2
1,4-Dioxane
Concen: 6.044 ng/uL
RT: 3.493 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

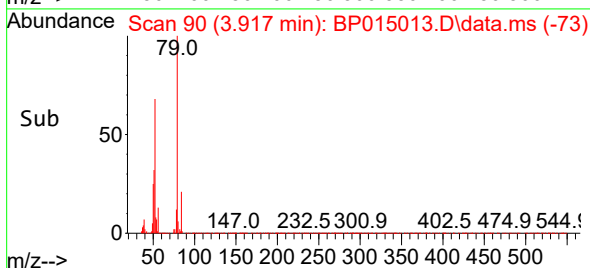
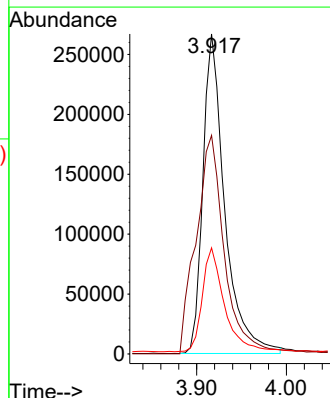
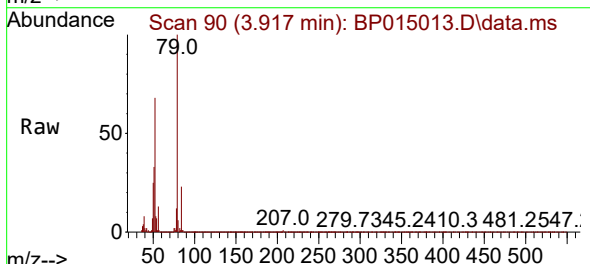
Instrument :
BNA_P
ClientSampleId :
SSTD020703

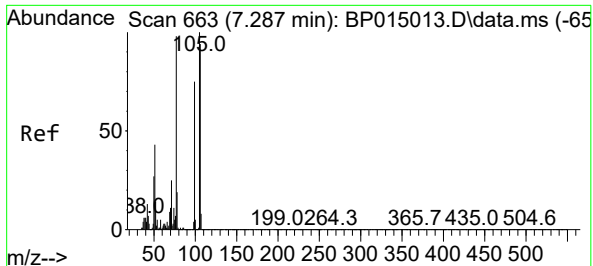
Tgt Ion: 88 Resp: 64980
Ion Ratio Lower Upper
88 100
43 26.8 20.6 31.0
58 68.1 54.4 81.6



#5
Pyridine
Concen: 15.984 ng/uL
RT: 3.917 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion: 79 Resp: 451373
Ion Ratio Lower Upper
79 100
52 68.3 54.7 82.1
51 33.2 25.5 38.3

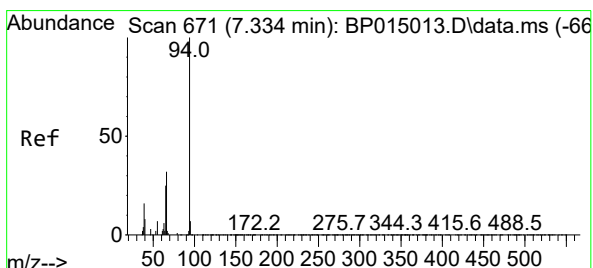
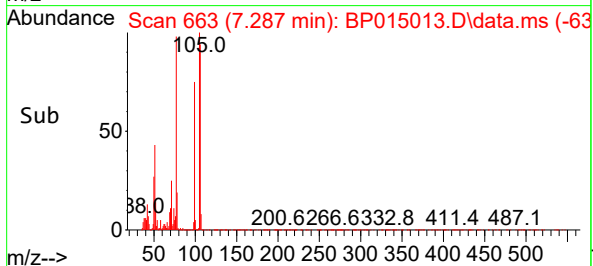
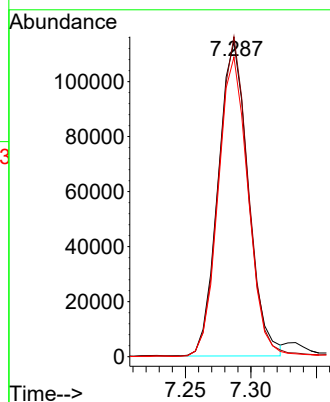
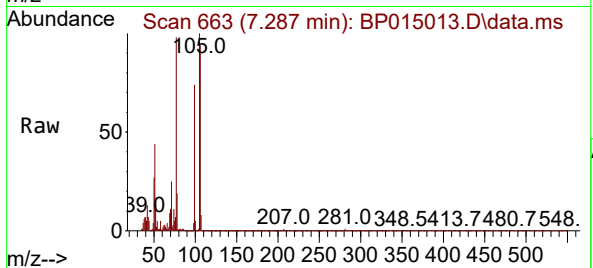




#6
Benzaldehyde
Concen: 20.855 ng/ul
RT: 7.287 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

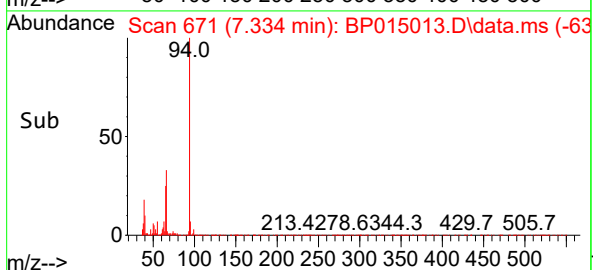
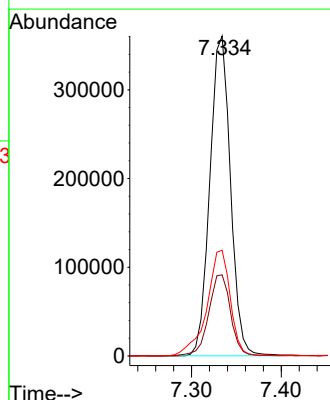
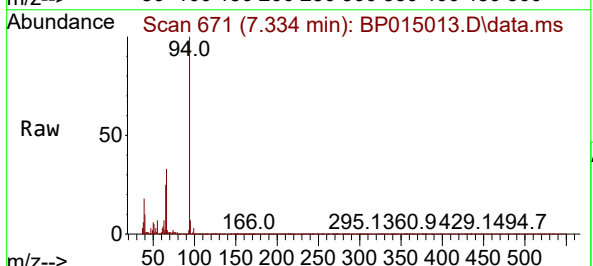
Instrument :
BNA_P
ClientSampleId :
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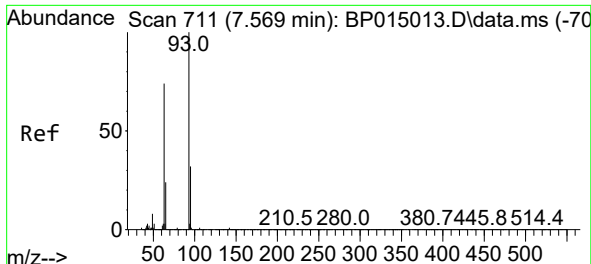
Tgt Ion: 77 Resp: 182408
Ion Ratio Lower Upper
77 100
105 101.7 80.7 121.1
106 95.3 77.6 116.4



#8
Phenol
Concen: 17.132 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion: 94 Resp: 575390
Ion Ratio Lower Upper
94 100
65 25.4 21.4 32.0
66 33.0 25.8 38.8

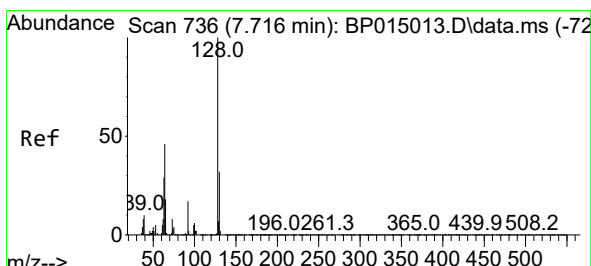
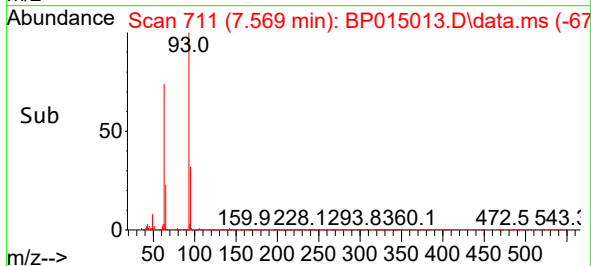
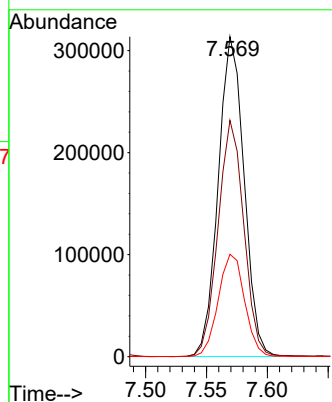
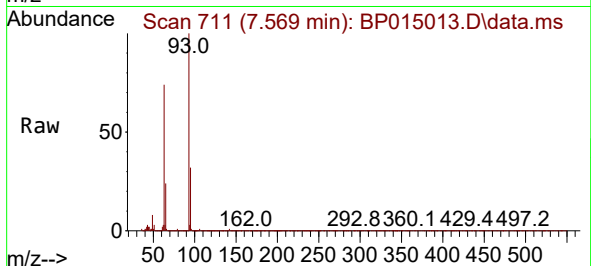




#10
Bis(2-Chloroethyl)ether
Concen: 16.588 ng/ul
RT: 7.569 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

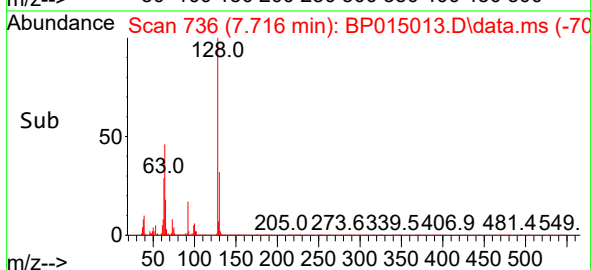
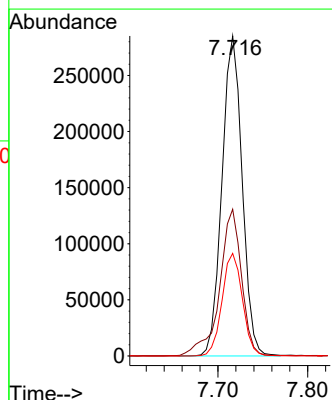
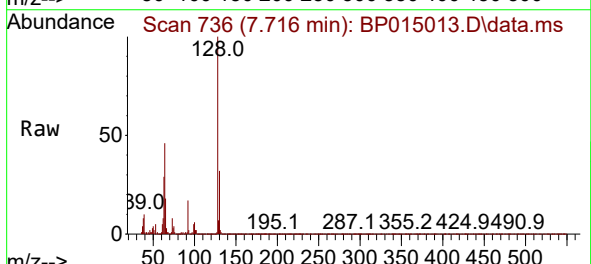
Instrument :
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ClientSampleId :
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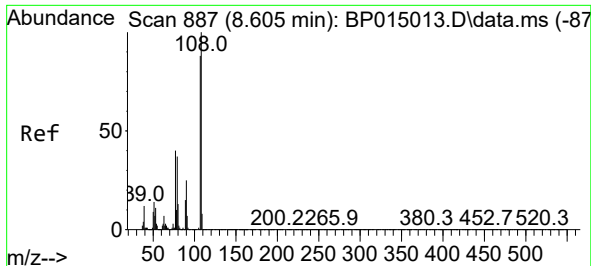
Tgt Ion: 93 Resp: 463088
Ion Ratio Lower Upper
93 100
63 73.8 58.1 87.1
95 32.0 26.0 39.0



#12
2-Chlorophenol
Concen: 17.480 ng/ul
RT: 7.716 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:128 Resp: 445425
Ion Ratio Lower Upper
128 100
64 45.9 36.6 55.0
130 32.1 25.8 38.8





#13

2-Methylphenol

Concen: 17.625 ng/ul

RT: 8.605 min Scan# 887

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

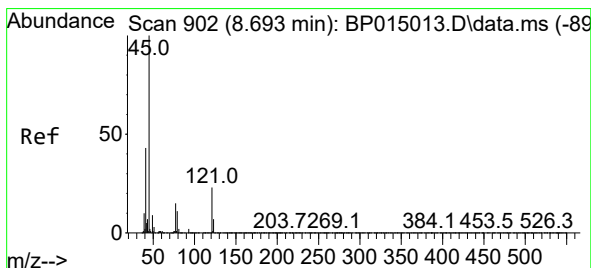
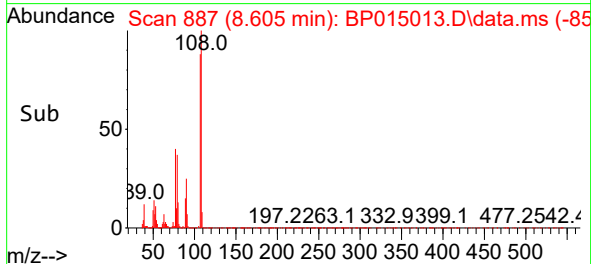
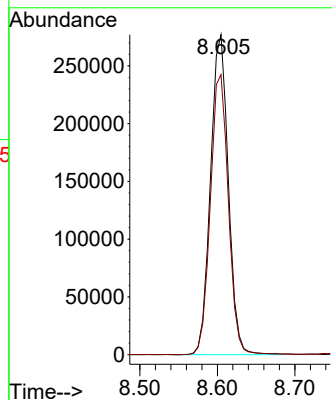
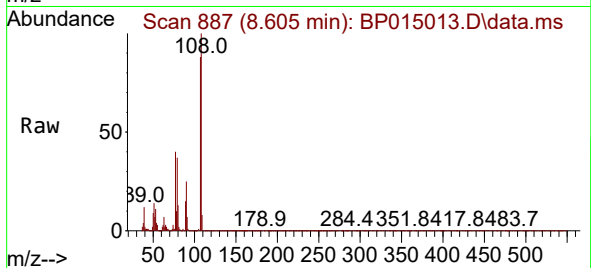
SSTD020703

Tgt Ion:108 Resp: 441381

Ion Ratio Lower Upper

108 100

107 87.5 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.919 ng/ul

RT: 8.693 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

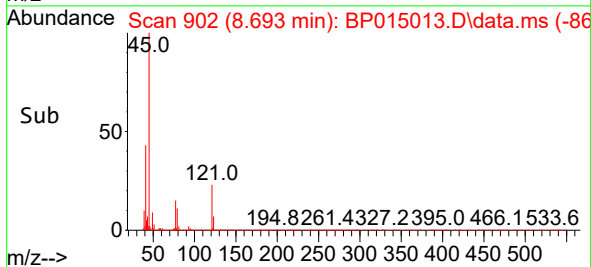
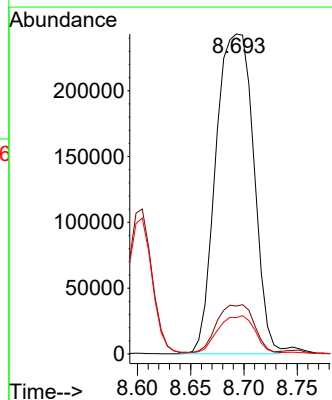
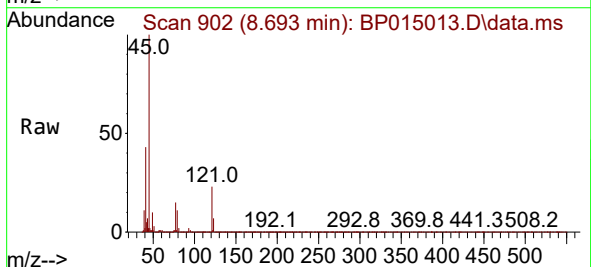
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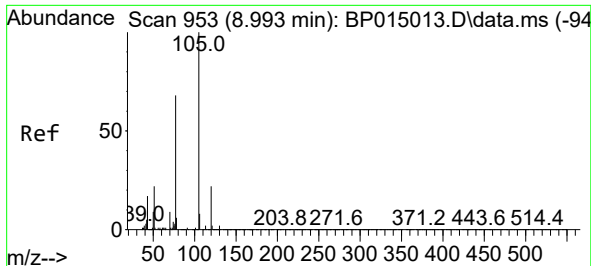
Ion Ratio Lower Upper

45 100

77 15.0 12.3 18.5

79 11.3 9.5 14.3

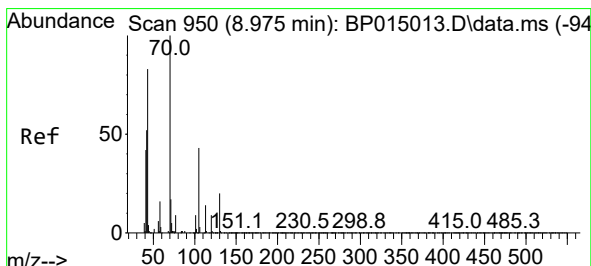
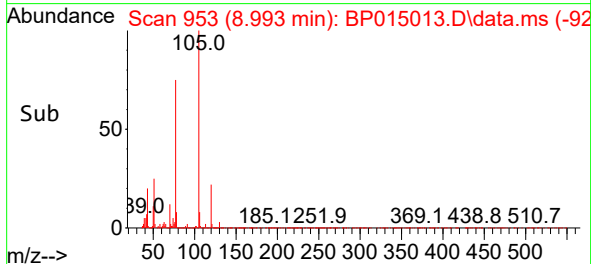
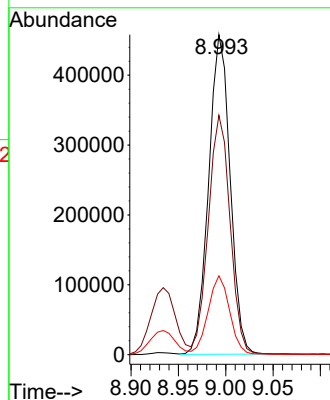
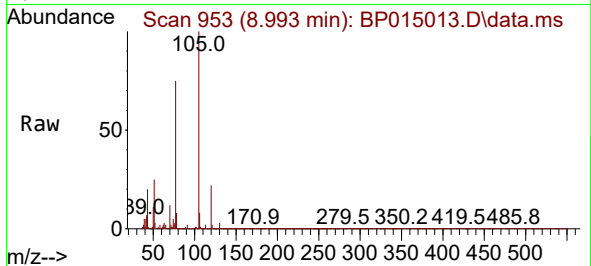




#16
Acetophenone
Concen: 17.900 ng/ul
RT: 8.993 min Scan# 91
Delta R.T. -0.006 min
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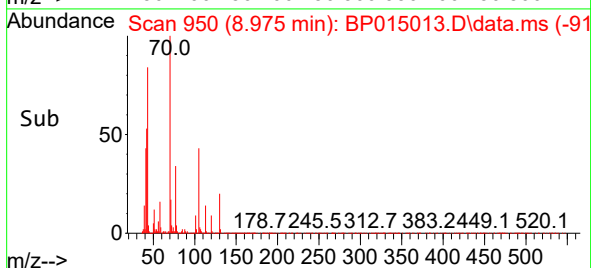
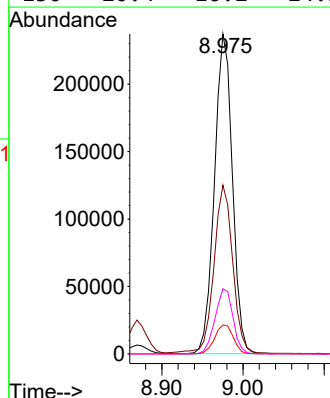
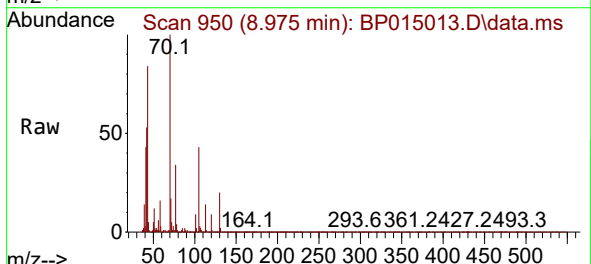
Instrument :
BNA_P
ClientSampleId :
SSTD020703

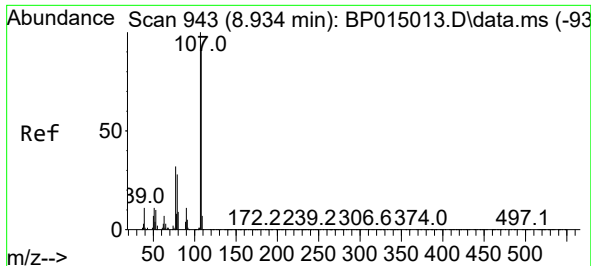
Tgt Ion:105 Resp: 721522
Ion Ratio Lower Upper
105 100
77 74.8 61.2 91.8
51 24.7 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 17.728 ng/ul
RT: 8.975 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion: 70 Resp: 364197
Ion Ratio Lower Upper
70 100
42 52.8 41.9 62.9
101 9.1 7.7 11.5
130 20.4 16.2 24.2





#18

4-Methylphenol

Concen: 17.676 ng/ul

RT: 8.934 min Scan# 943

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

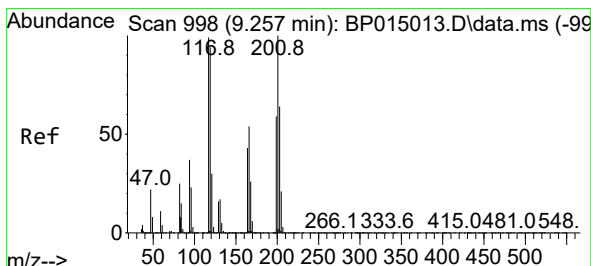
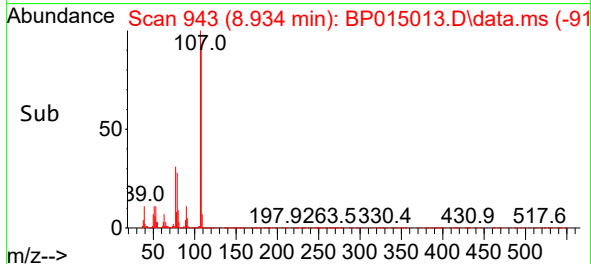
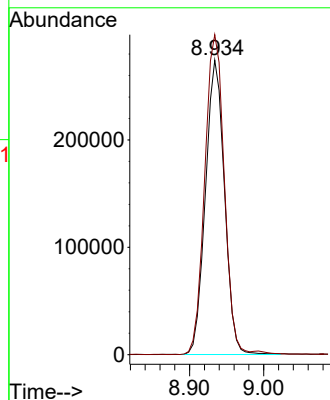
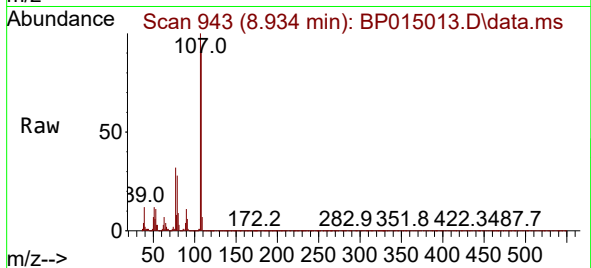
SSTD020703

Tgt Ion:108 Resp: 489364

Ion Ratio Lower Upper

108 100

107 108.6 87.2 130.8



#19

Hexachloroethane

Concen: 16.298 ng/ul

RT: 9.257 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

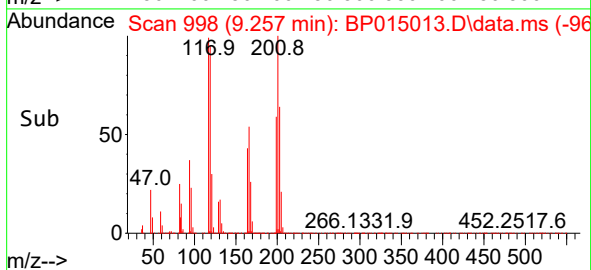
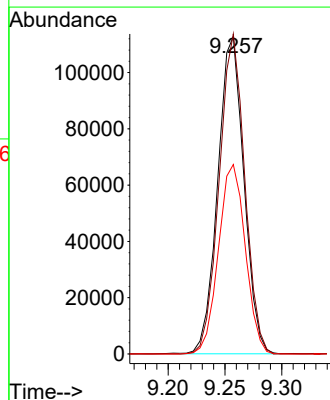
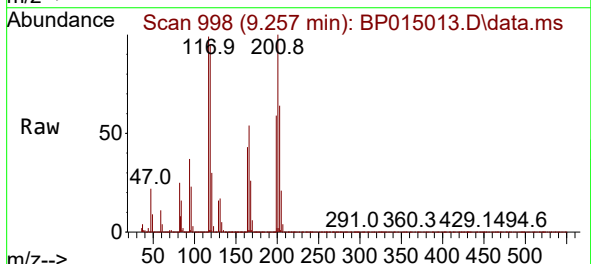
Tgt Ion:117 Resp: 180189

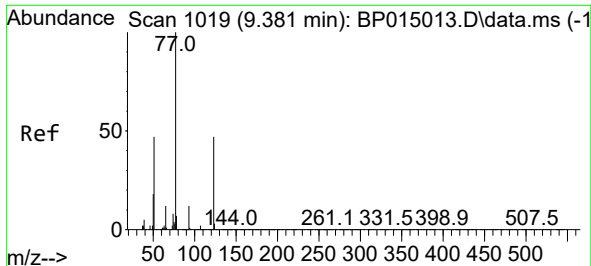
Ion Ratio Lower Upper

117 100

201 100.8 78.9 118.3

199 59.7 48.3 72.5

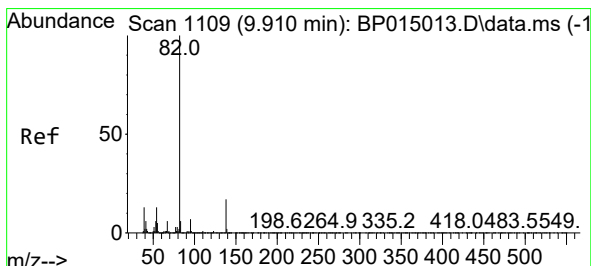
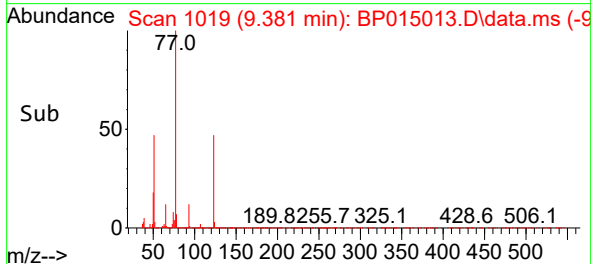
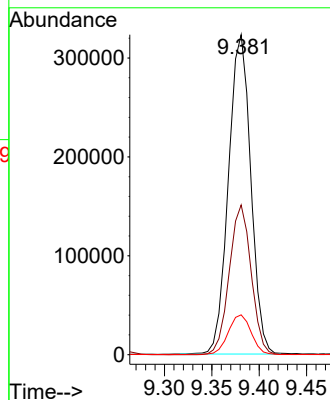
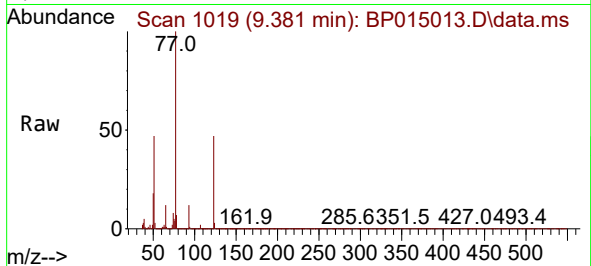




#22
Nitrobenzene
Concen: 16.796 ng/ul
RT: 9.381 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

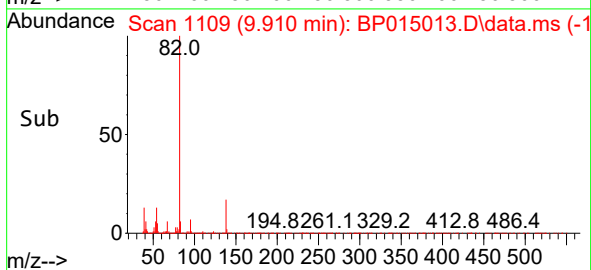
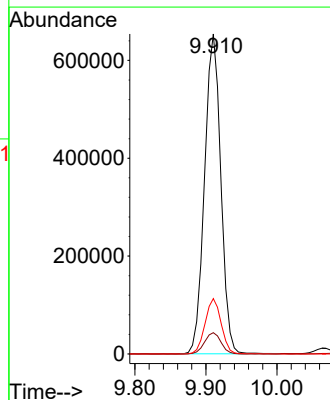
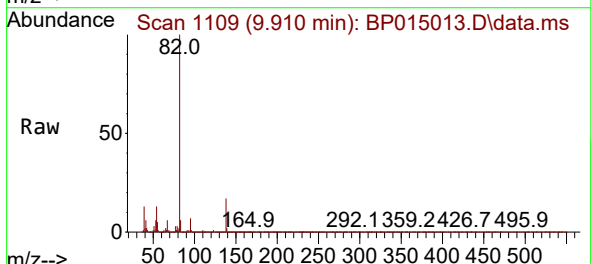
Instrument :
BNA_P
ClientSampleId :
SSTD020703

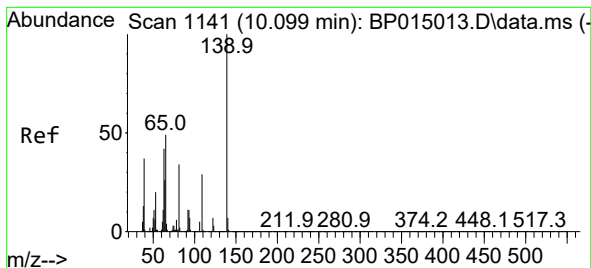
Tgt Ion: 77 Resp: 528905
Ion Ratio Lower Upper
77 100
123 46.8 34.8 52.2
65 12.4 10.2 15.2



#23
Isophorone
Concen: 16.764 ng/ul
RT: 9.910 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion: 82 Resp: 1043311
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.3 13.9 20.9

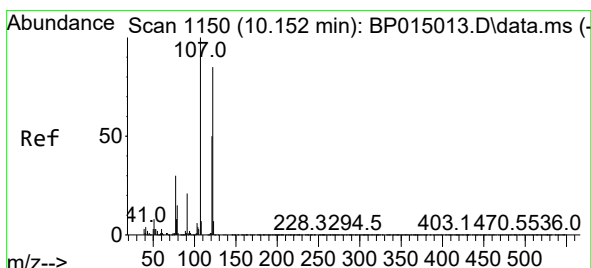
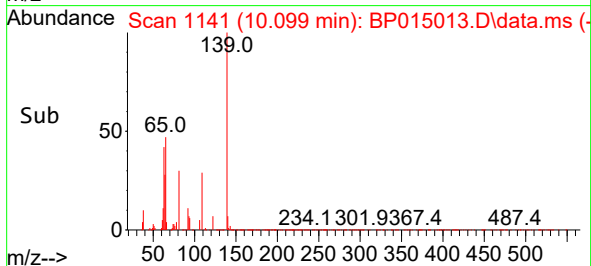
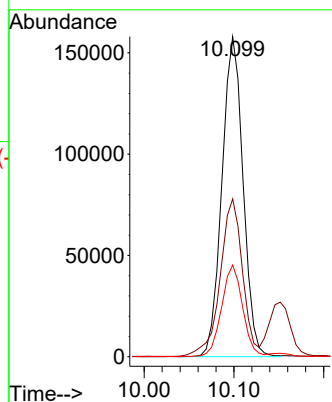
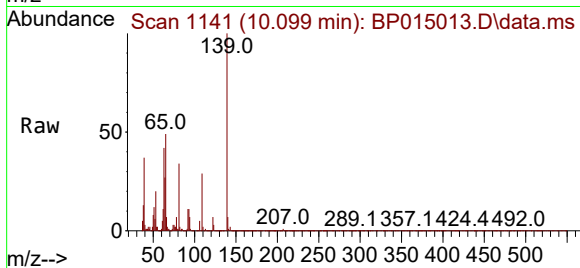




#25
2-Nitrophenol
Concen: 18.221 ng/ul
RT: 10.099 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

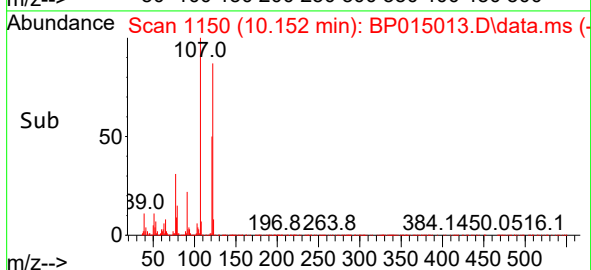
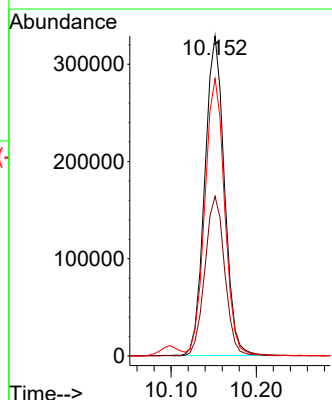
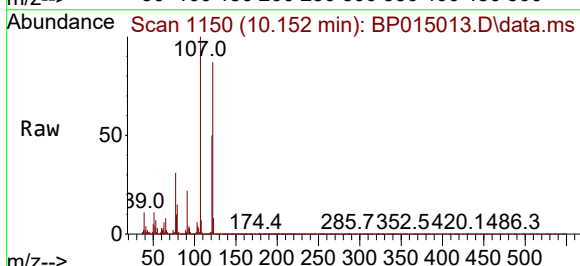
Instrument :
BNA_P
ClientSampleId :
SSTD020703

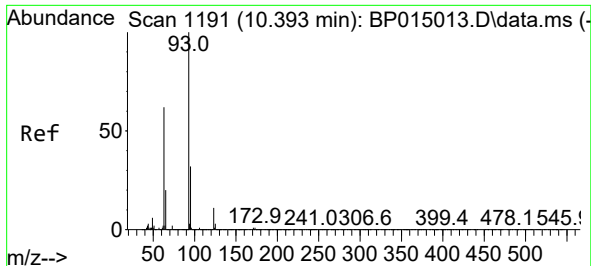
Tgt Ion:139 Resp: 257892
Ion Ratio Lower Upper
139 100
65 49.3 40.5 60.7
109 28.6 22.4 33.6



#26
2,4-Dimethylphenol
Concen: 17.111 ng/ul
RT: 10.152 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:107 Resp: 525570
Ion Ratio Lower Upper
107 100
121 49.9 40.2 60.2
122 86.7 69.6 104.4





#27

Bis(2-Chloroethoxy)methane

Concen: 16.438 ng/ul

RT: 10.393 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

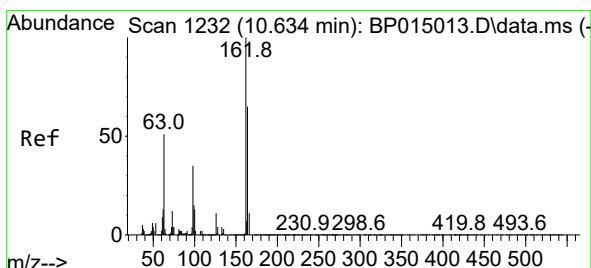
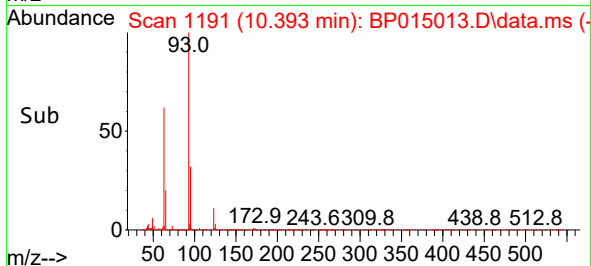
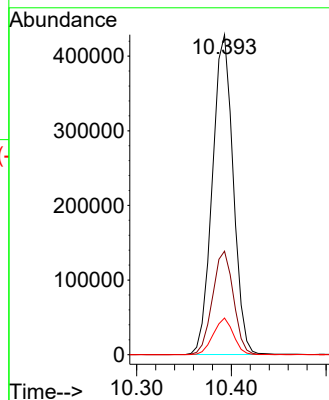
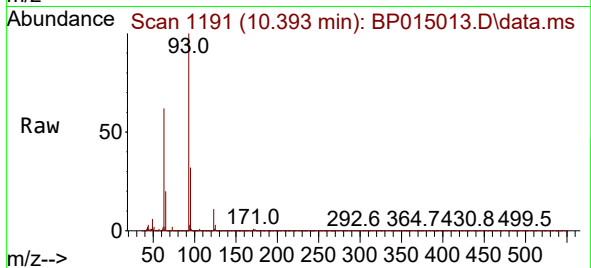
Tgt Ion: 93 Resp: 654040

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.5 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 17.759 ng/ul

RT: 10.634 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

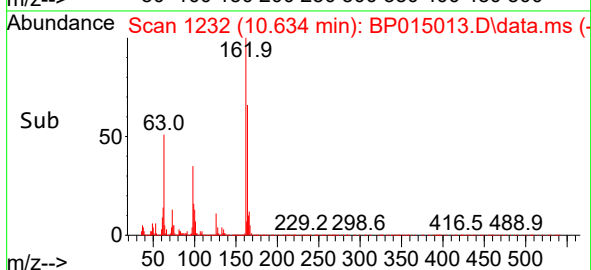
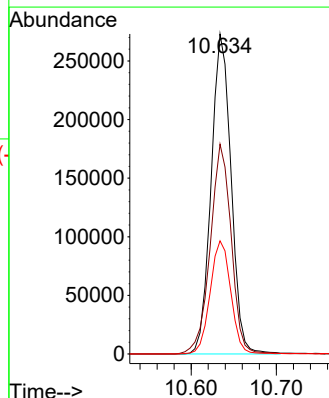
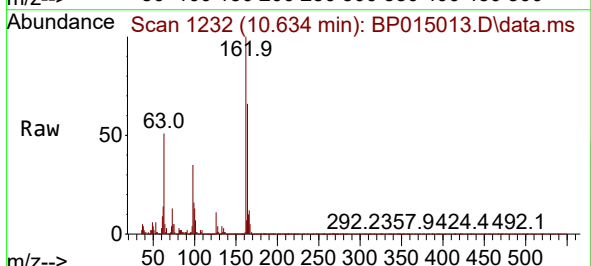
Tgt Ion: 162 Resp: 443871

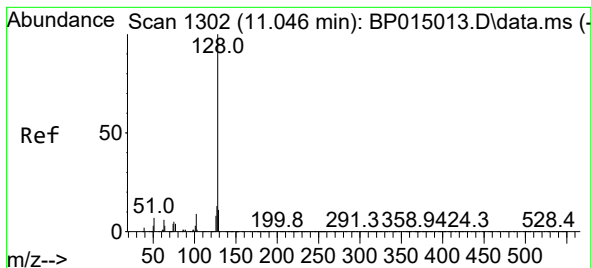
Ion Ratio Lower Upper

162 100

164 65.6 51.5 77.3

98 35.4 28.8 43.2

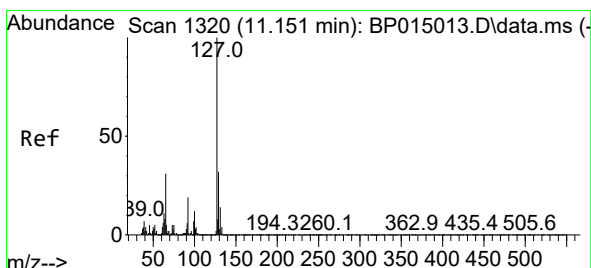
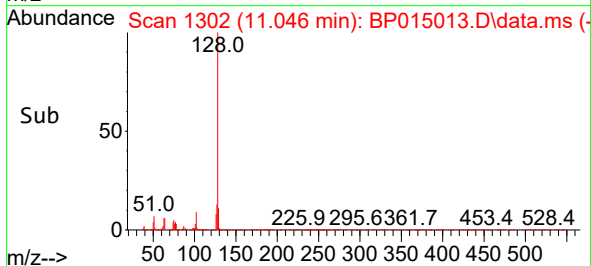
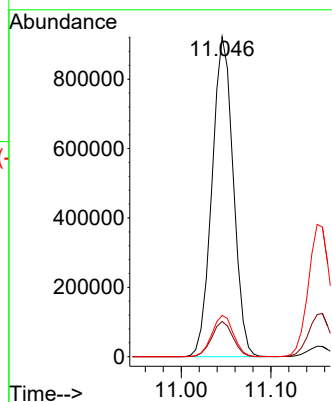
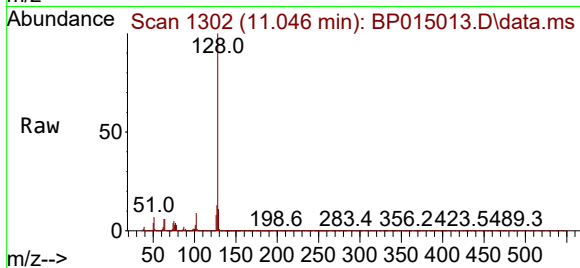




#30
Naphthalene
Concen: 16.355 ng/ul
RT: 11.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

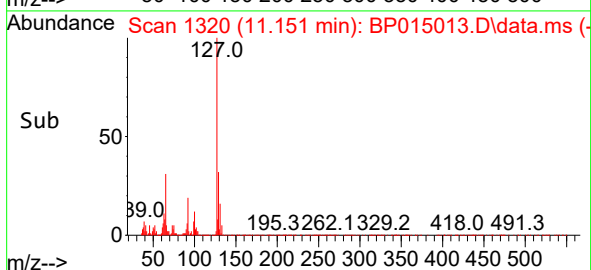
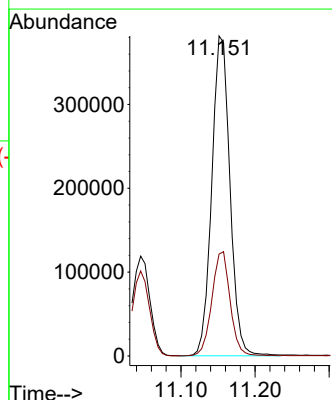
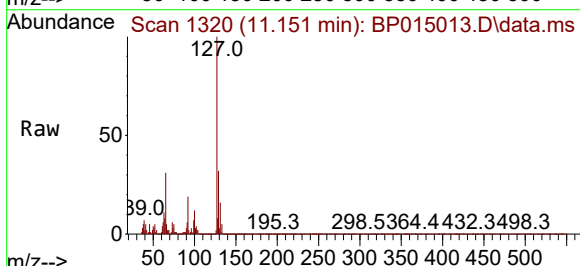
Instrument :
BNA_P
ClientSampleId :
SSTD020703

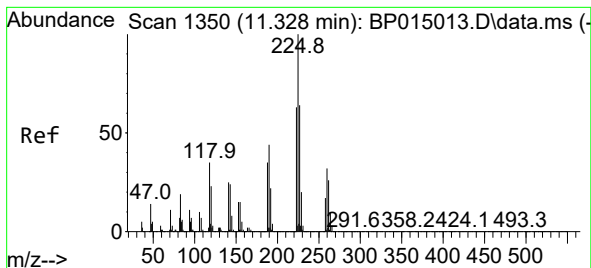
Tgt Ion:128 Resp: 1514988
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 17.824 ng/ul
RT: 11.151 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:127 Resp: 650098
Ion Ratio Lower Upper
127 100
129 31.8 25.5 38.3





#33

Hexachlorobutadiene

Concen: 16.131 ng/ul

RT: 11.328 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

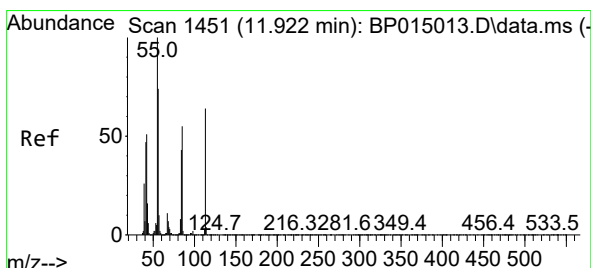
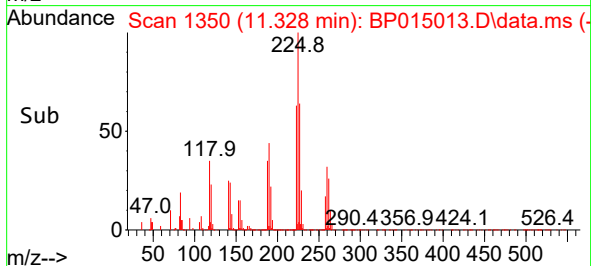
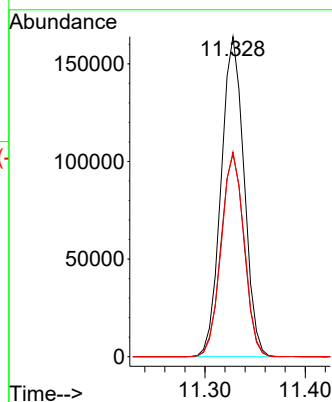
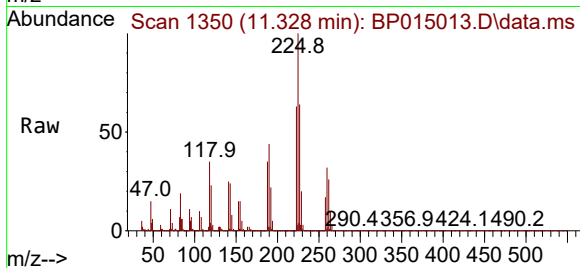
Tgt Ion:225 Resp: 260156

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 64.0 51.4 77.0



#34

Caprolactam

Concen: 13.044 ng/ul

RT: 11.922 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

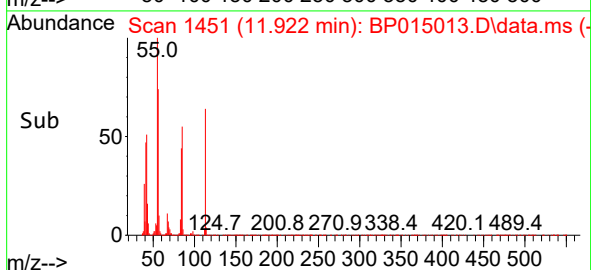
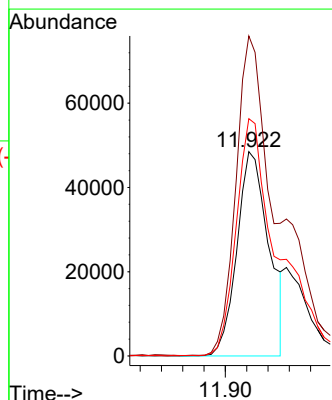
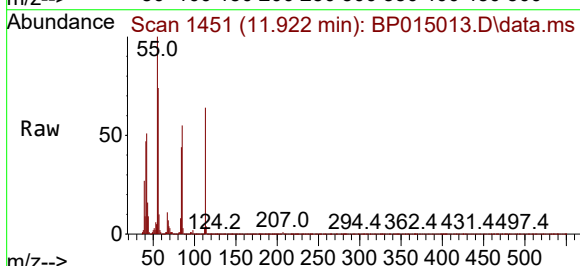
Tgt Ion:113 Resp: 100442

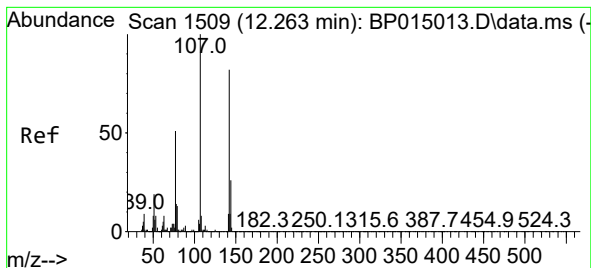
Ion Ratio Lower Upper

113 100

55 156.6 128.5 192.7

56 116.1 94.3 141.5

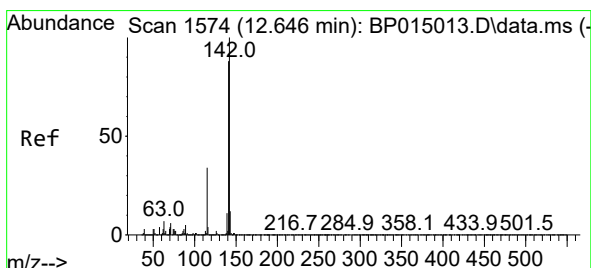
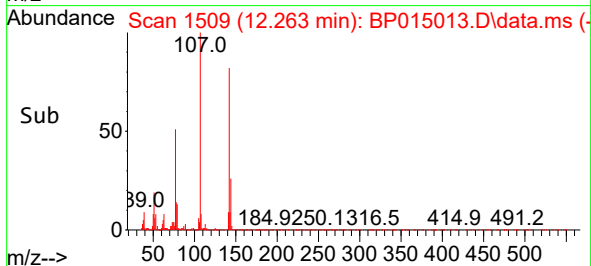
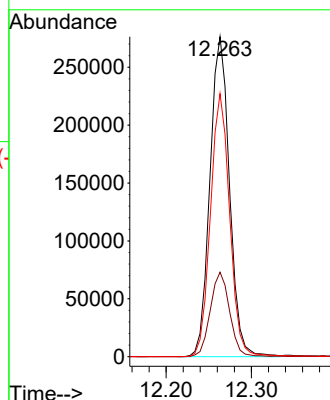
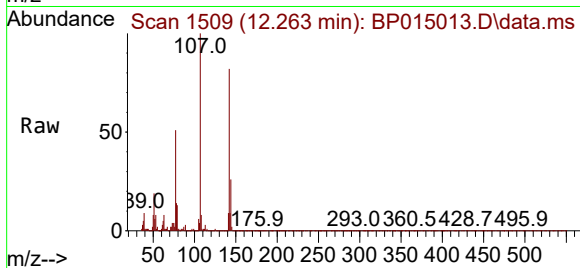




#35
4-Chloro-3-methylphenol
Concen: 17.148 ng/ul
RT: 12.263 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

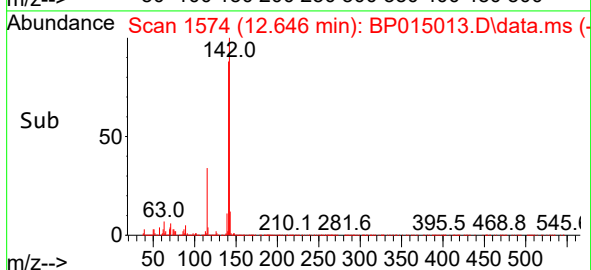
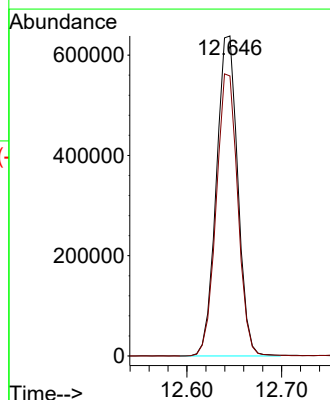
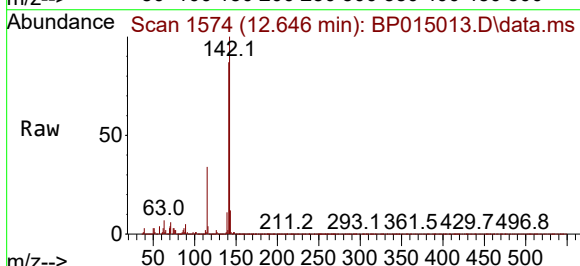
Instrument :
BNA_P
ClientSampleId :
SSTD020703

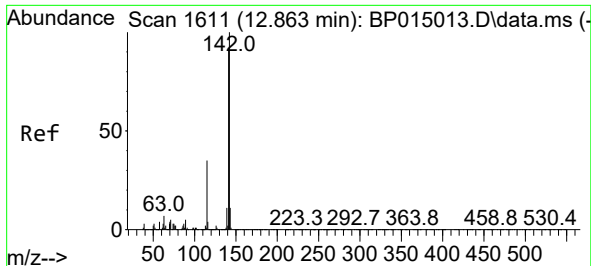
Tgt Ion:107 Resp: 440592
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 82.2 63.2 94.8



#36
2-Methylnaphthalene
Concen: 17.533 ng/ul
RT: 12.646 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:142 Resp: 1004341
Ion Ratio Lower Upper
142 100
141 87.5 70.5 105.7

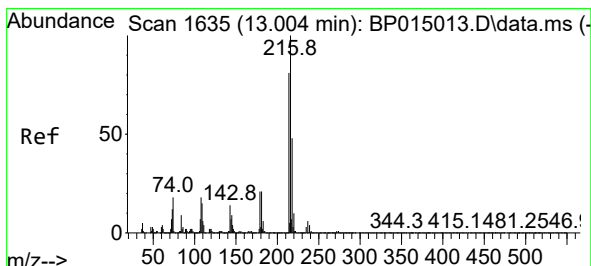
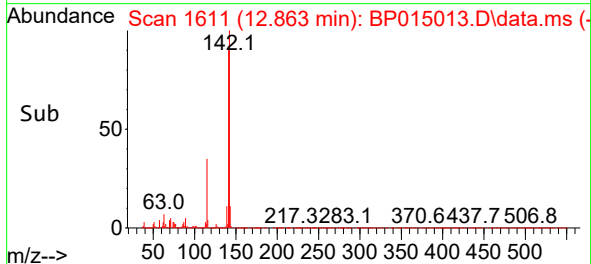
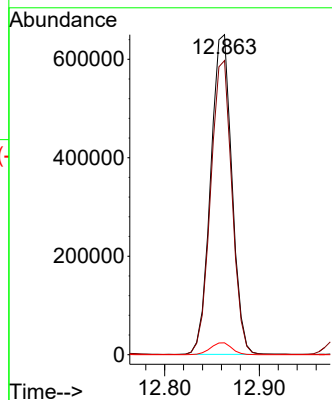
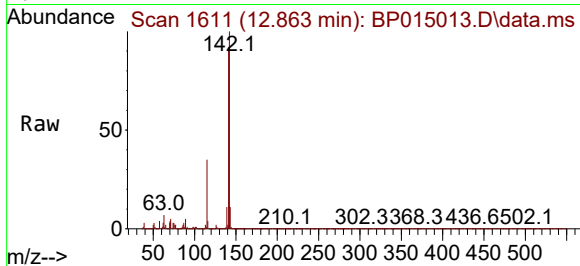




#37
1-Methylnaphthalene
Concen: 17.205 ng/ul
RT: 12.863 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

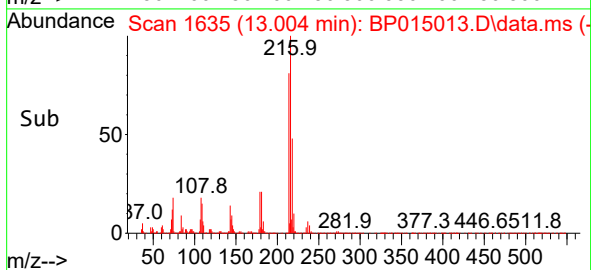
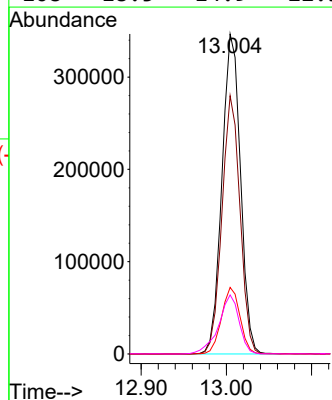
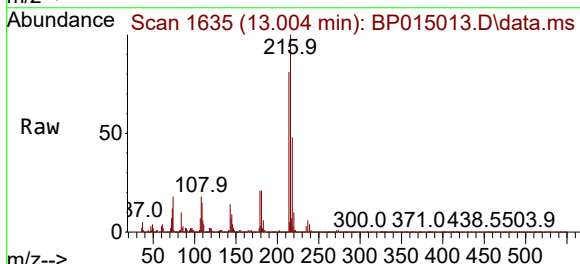
Instrument :
BNA_P
ClientSampleId :
SSTD020703

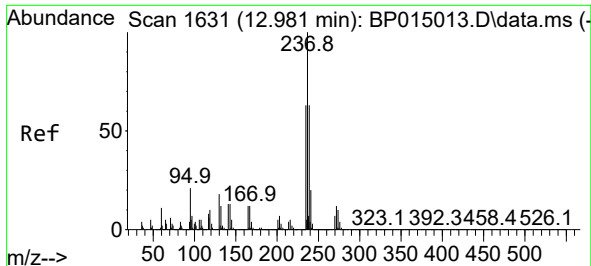
Tgt Ion:142 Resp: 1015921
Ion Ratio Lower Upper
142 100
141 91.9 74.4 111.6
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 16.199 ng/ul
RT: 13.004 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:216 Resp: 525169
Ion Ratio Lower Upper
216 100
214 80.7 63.0 94.4
179 20.8 16.9 25.3
108 18.5 14.9 22.3

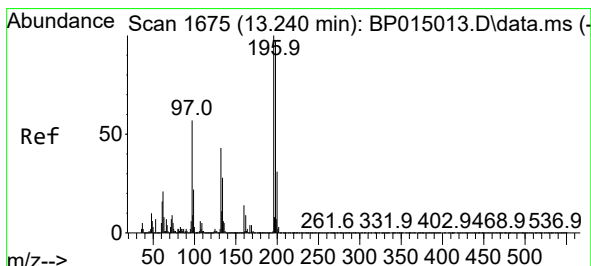
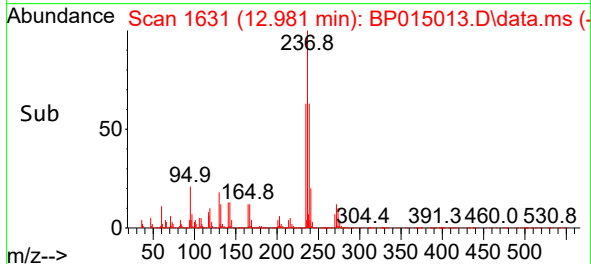
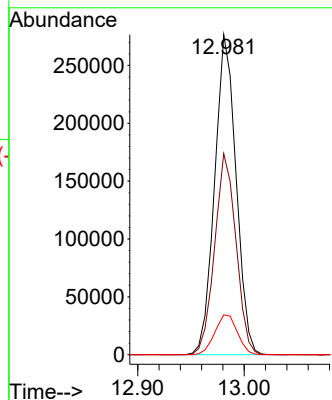
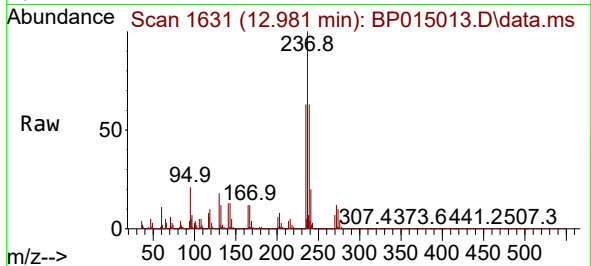




#40
Hexachlorocyclopentadiene
Concen: 17.658 ng/ul
RT: 12.981 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

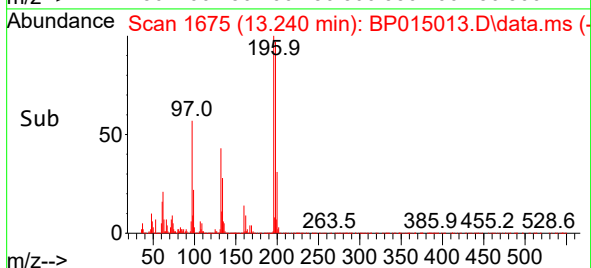
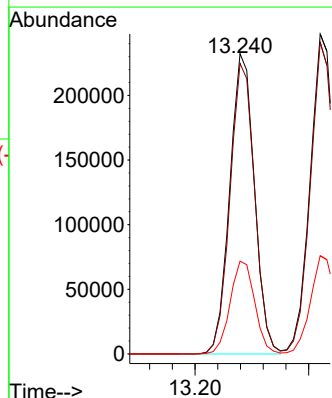
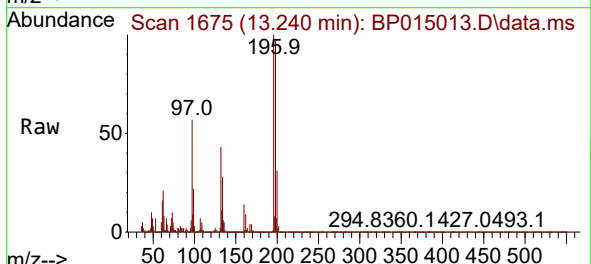
Instrument :
BNA_P
ClientSampleId :
SSTD020703

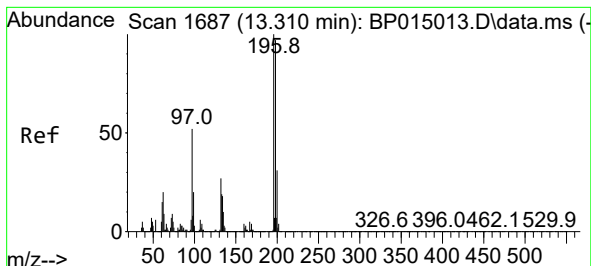
Tgt Ion:237 Resp: 386013
Ion Ratio Lower Upper
237 100
235 62.8 49.9 74.9
272 12.4 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 17.512 ng/ul
RT: 13.240 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:196 Resp: 349835
Ion Ratio Lower Upper
196 100
198 96.8 76.8 115.2
200 30.9 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 17.525 ng/ul

RT: 13.310 min Scan# 1687

Delta R.T. -0.012 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

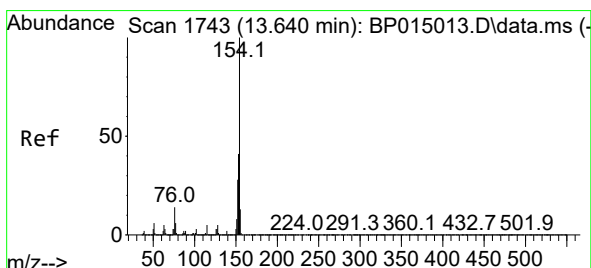
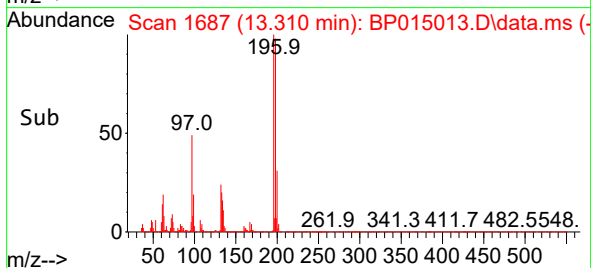
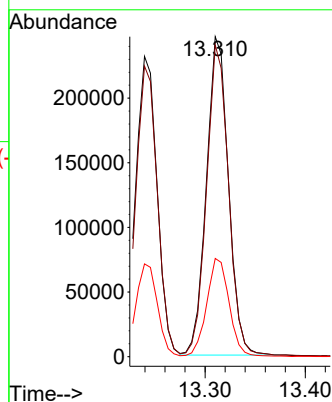
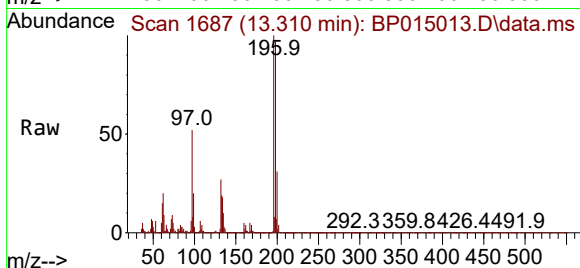
Tgt Ion:196 Resp: 377334

Ion Ratio Lower Upper

196 100

198 97.4 74.2 111.4

200 30.7 24.6 37.0



#43

1,1'-Biphenyl

Concen: 16.312 ng/ul

RT: 13.640 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

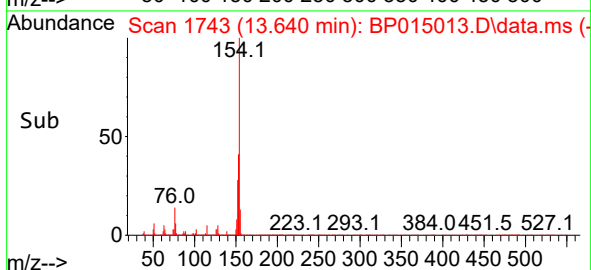
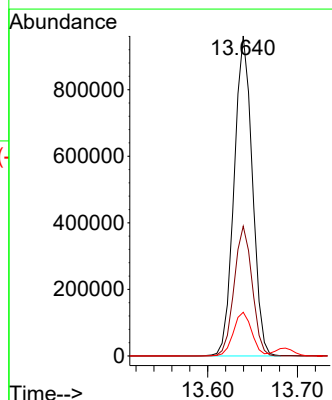
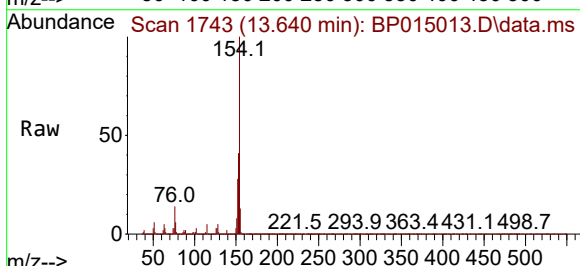
Tgt Ion:154 Resp: 1355433

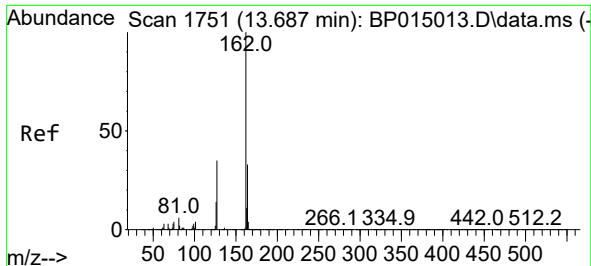
Ion Ratio Lower Upper

154 100

153 40.5 31.9 47.9

76 13.7 11.3 16.9

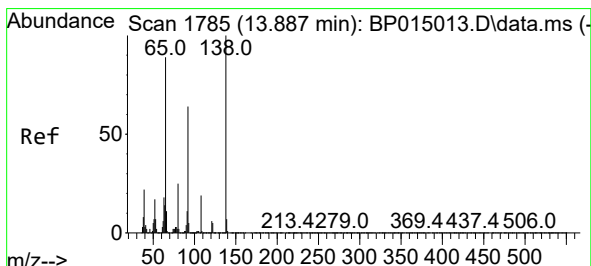
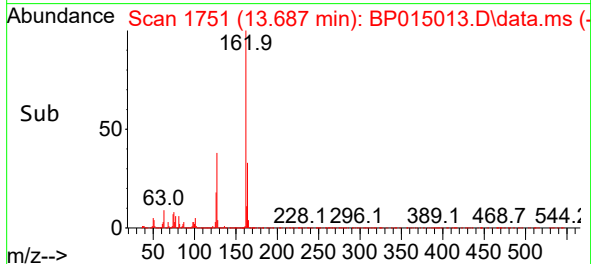
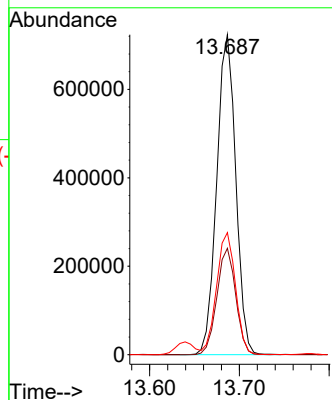
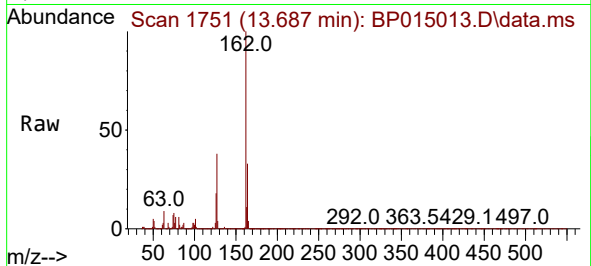




#44
2-Chloronaphthalene
Concen: 16.464 ng/ul
RT: 13.687 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

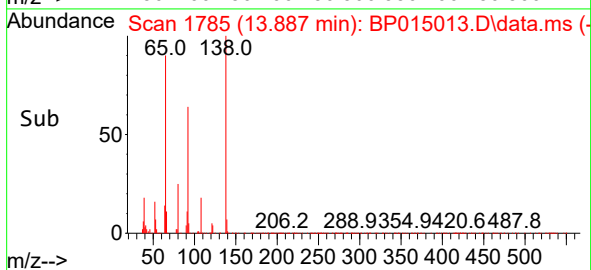
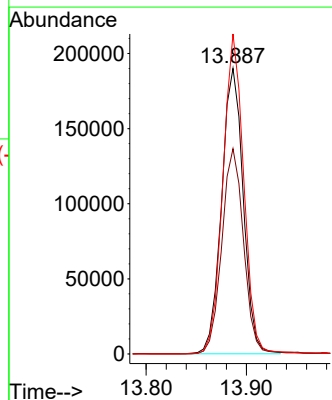
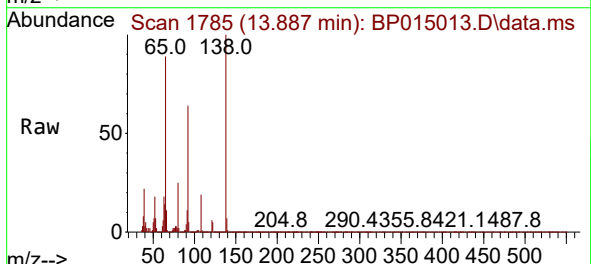
Instrument :
BNA_P
ClientSampleId :
SSTD020703

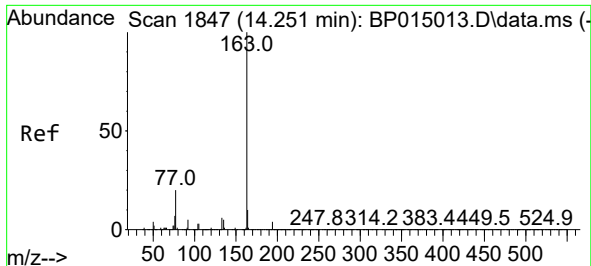
Tgt Ion:162 Resp: 1065651
Ion Ratio Lower Upper
162 100
164 33.3 26.3 39.5
127 38.1 30.4 45.6



#45
2-Nitroaniline
Concen: 18.839 ng/ul
RT: 13.887 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion: 65 Resp: 283956
Ion Ratio Lower Upper
65 100
92 71.9 58.3 87.5
138 112.0 87.9 131.9

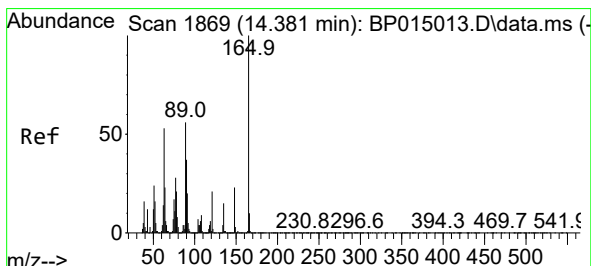
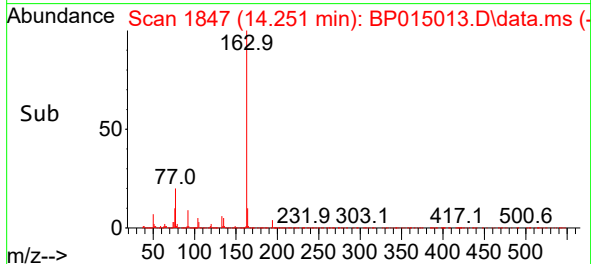
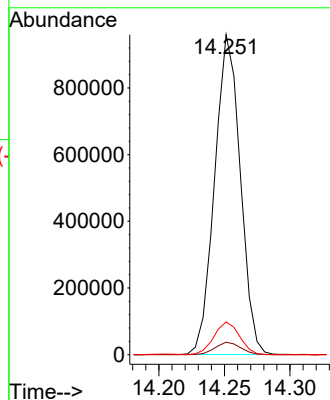
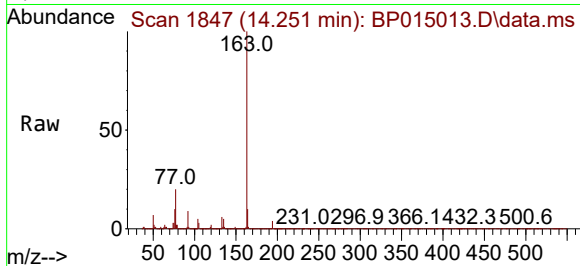




#47
Dimethylphthalate
Concen: 16.856 ng/ul
RT: 14.251 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

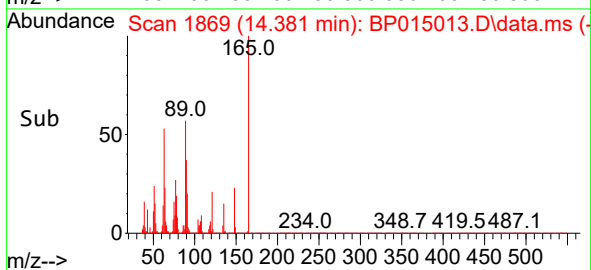
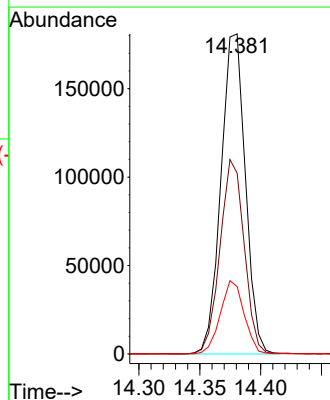
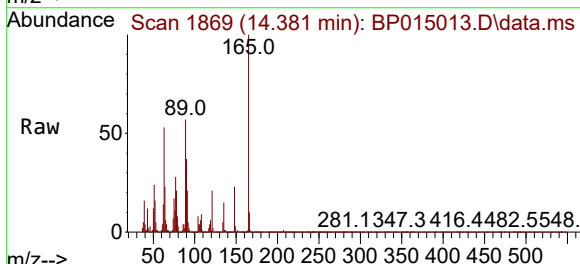
Instrument :
BNA_P
ClientSampleId :
SSTD020703

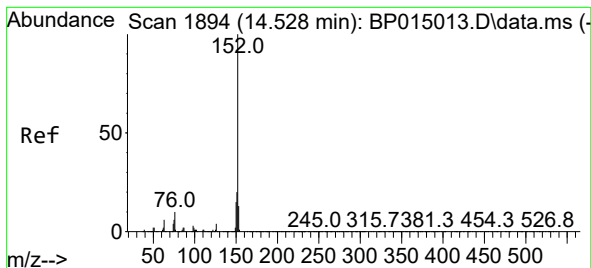
Tgt Ion:163 Resp: 1303791
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 18.472 ng/ul
RT: 14.381 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:165 Resp: 252488
Ion Ratio Lower Upper
165 100
89 56.5 48.1 72.1
121 21.1 17.3 25.9





#50

Acenaphthylene

Concen: 16.705 ng/ul

RT: 14.528 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

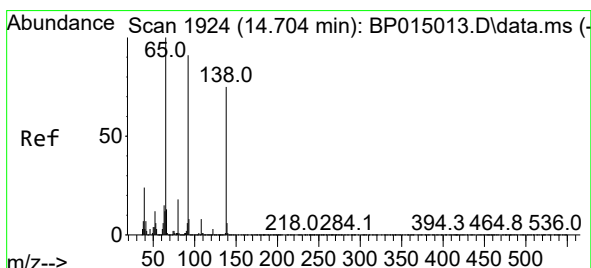
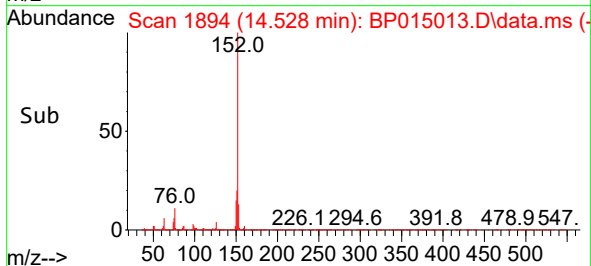
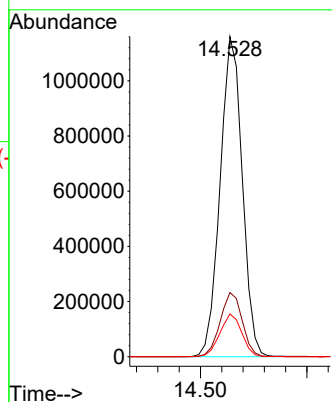
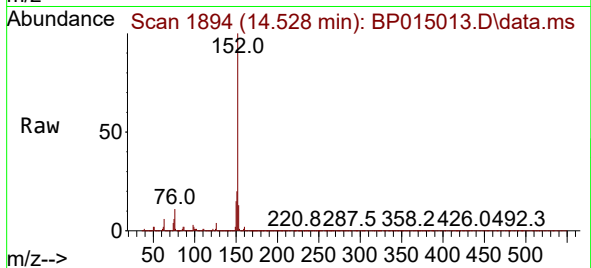
Tgt Ion:152 Resp: 1670838

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.3 10.4 15.6



#51

3-Nitroaniline

Concen: 16.644 ng/ul

RT: 14.704 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

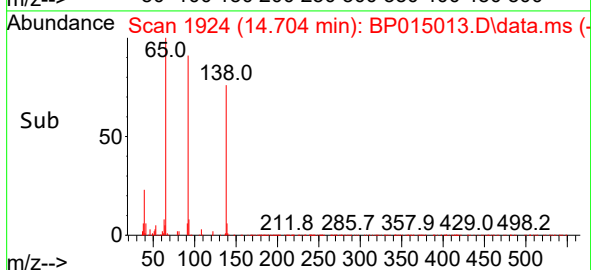
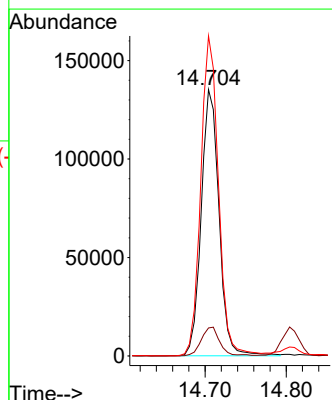
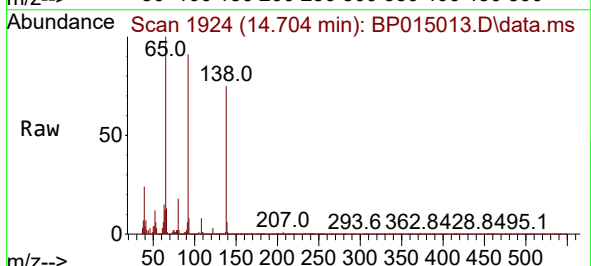
Tgt Ion:138 Resp: 205839

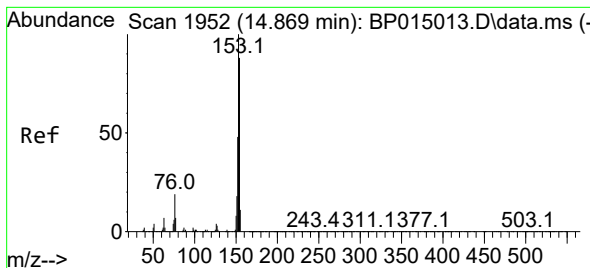
Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

92 120.1 95.8 143.6





#52

Acenaphthene

Concen: 16.522 ng/ul

RT: 14.869 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

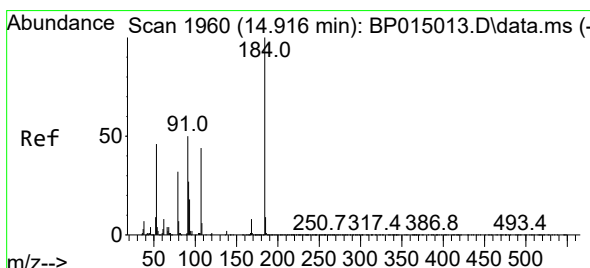
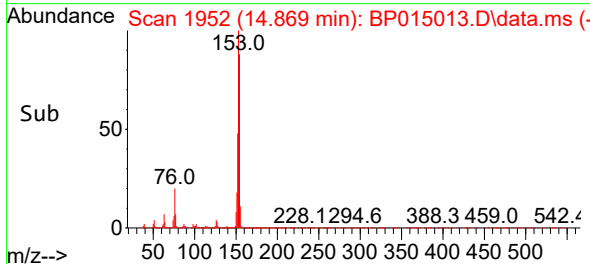
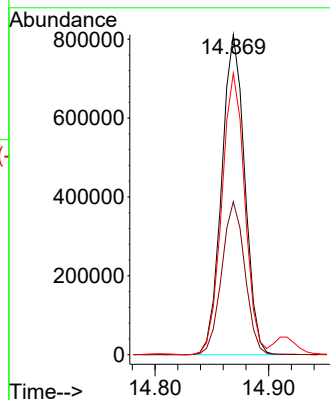
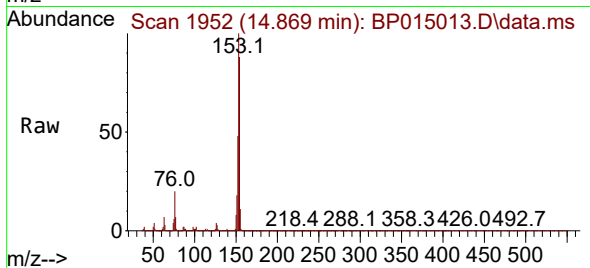
Tgt Ion:153 Resp: 1143529

Ion Ratio Lower Upper

153 100

152 47.8 38.8 58.2

154 87.9 69.6 104.4



#53

2,4-Dinitrophenol

Concen: 13.782 ng/ul

RT: 14.916 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

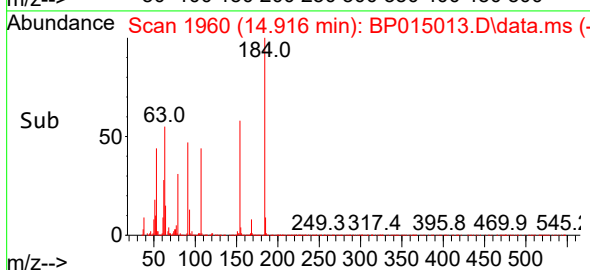
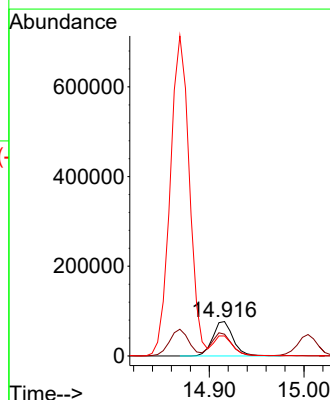
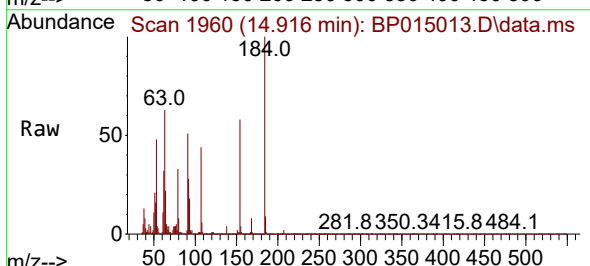
Tgt Ion:184 Resp: 114650

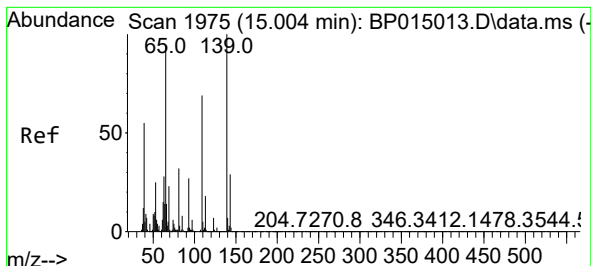
Ion Ratio Lower Upper

184 100

63 63.4 56.3 84.5

154 58.1 48.9 73.3

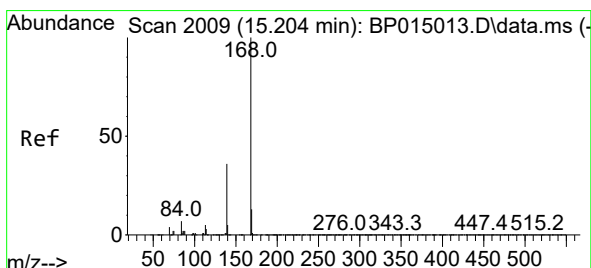
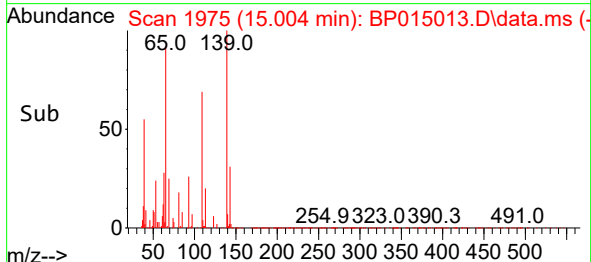
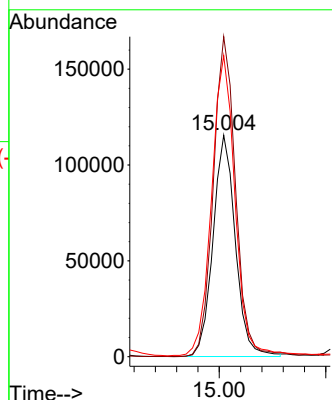
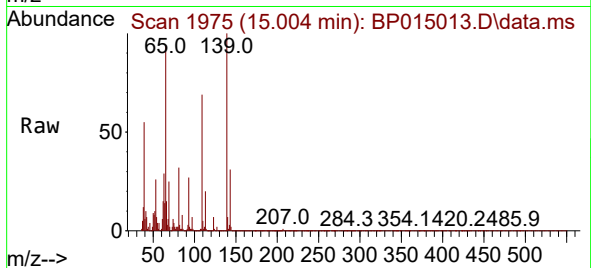




#55
4-Nitrophenol
Concen: 17.210 ng/ul
RT: 15.004 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

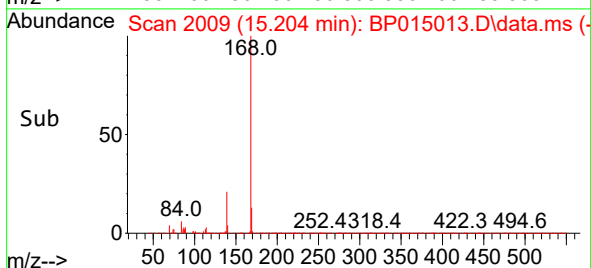
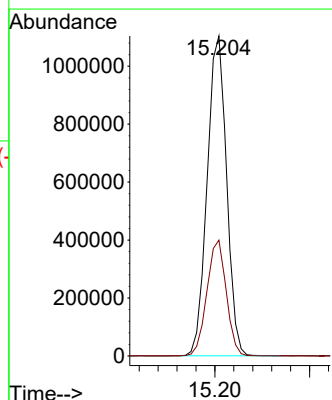
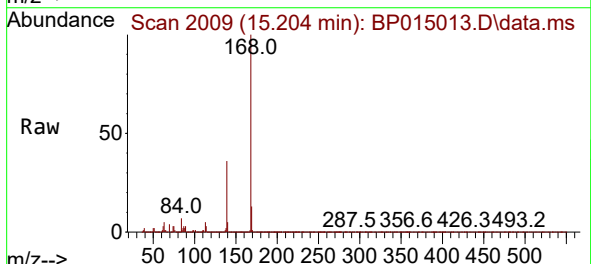
Instrument :
BNA_P
ClientSampleId :
SSTD020703

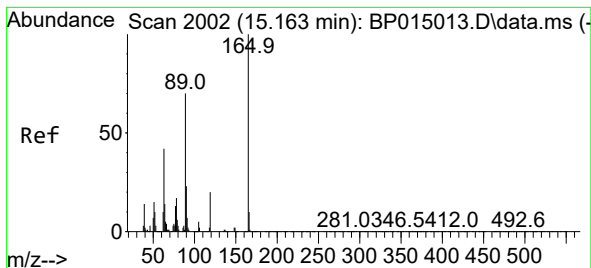
Tgt Ion:109 Resp: 167644
Ion Ratio Lower Upper
109 100
139 144.5 115.1 172.7
65 136.0 110.6 166.0



#56
Dibenzofuran
Concen: 16.816 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:168 Resp: 1570525
Ion Ratio Lower Upper
168 100
139 36.2 28.6 42.8

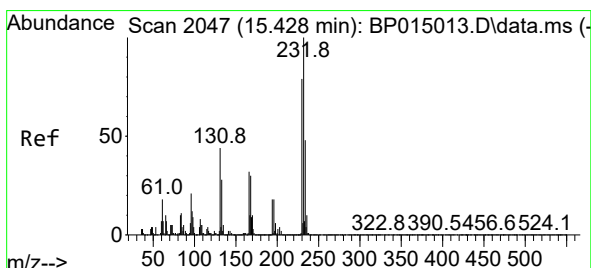
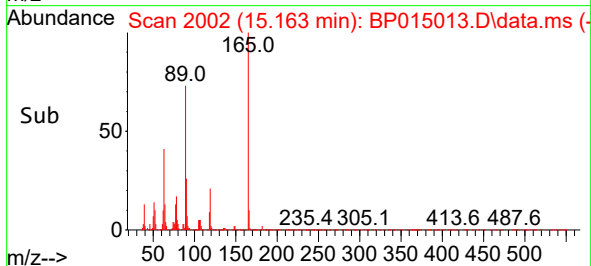
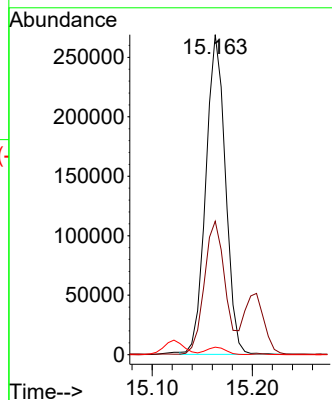
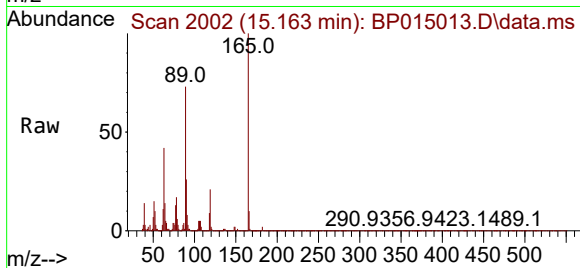




#57
2,4-Dinitrotoluene
Concen: 19.159 ng/ul
RT: 15.163 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

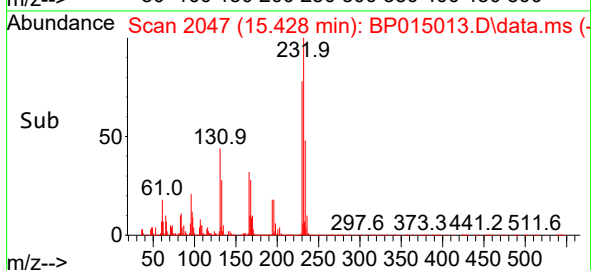
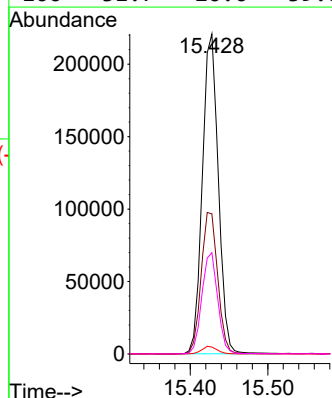
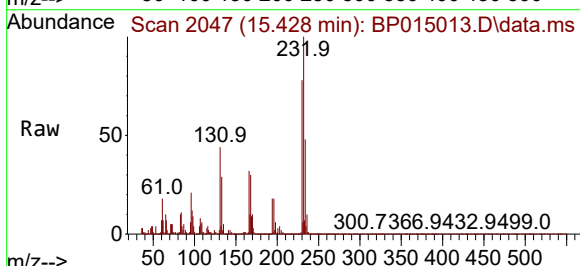
Instrument :
BNA_P
ClientSampleId :
SSTD020703

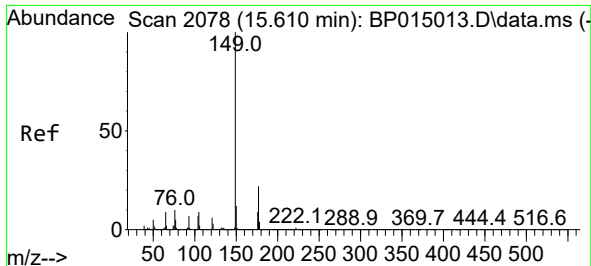
Tgt Ion:165 Resp: 366790
Ion Ratio Lower Upper
165 100
63 41.7 35.7 53.5
182 2.4 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.010 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:232 Resp: 315588
Ion Ratio Lower Upper
232 100
131 43.8 38.2 57.4
130 2.2 2.1 3.1
166 31.7 26.6 39.8

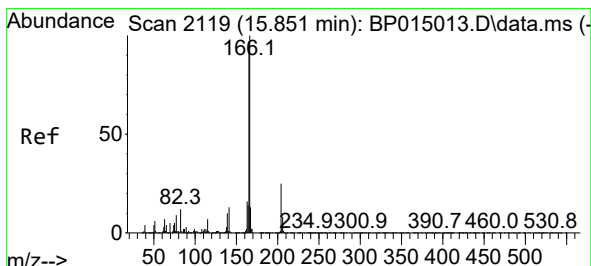
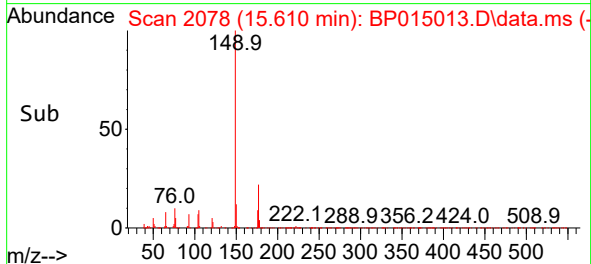
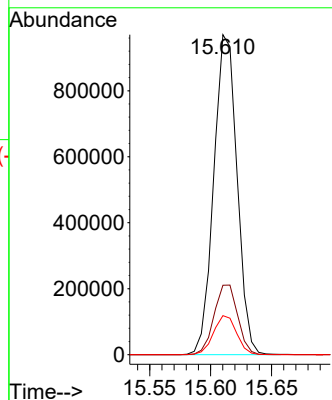
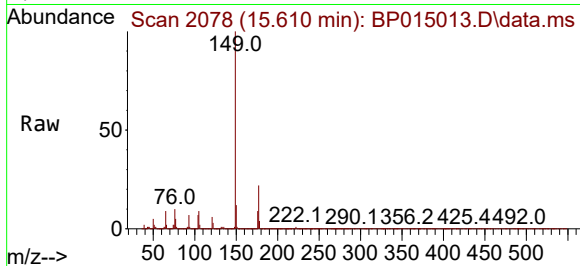




#59
Diethylphthalate
Concen: 17.675 ng/ul
RT: 15.610 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

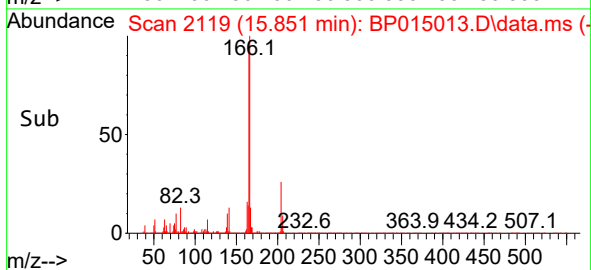
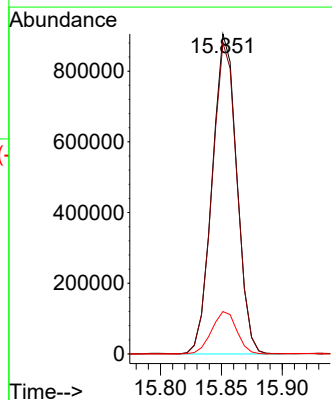
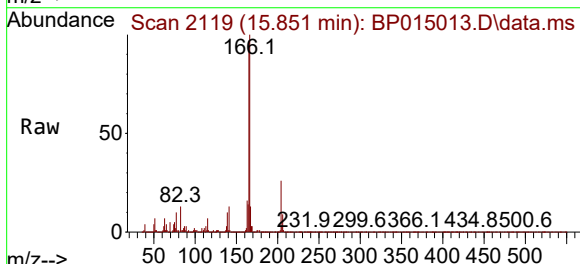
Instrument :
BNA_P
ClientSampleId :
SSTD020703

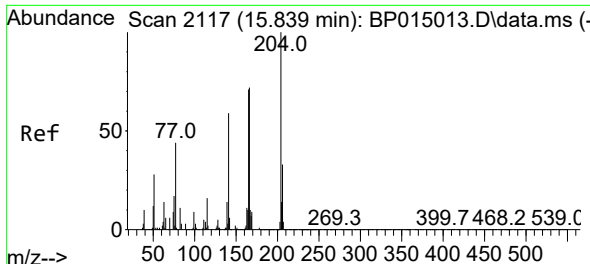
Tgt Ion:149 Resp: 1291832
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.2 9.6 14.4



#61
Fluorene
Concen: 17.241 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:166 Resp: 1270179
Ion Ratio Lower Upper
166 100
165 97.3 79.3 118.9
167 13.3 10.7 16.1

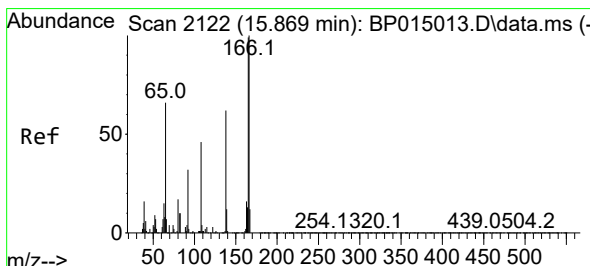
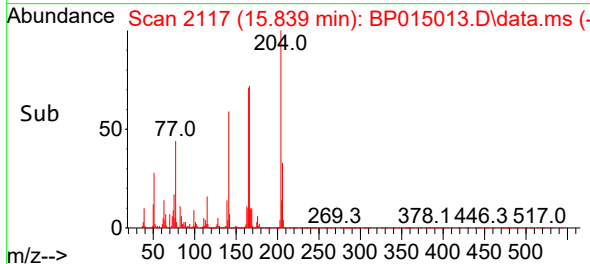
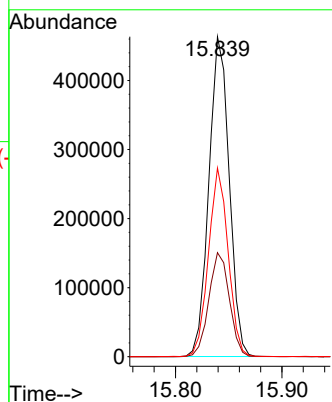
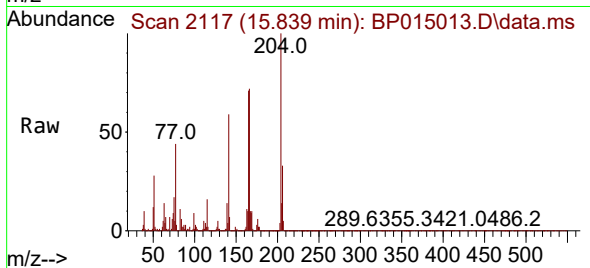




#62
4-Chlorophenyl-phenylether
Concen: 17.011 ng/ul
RT: 15.839 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

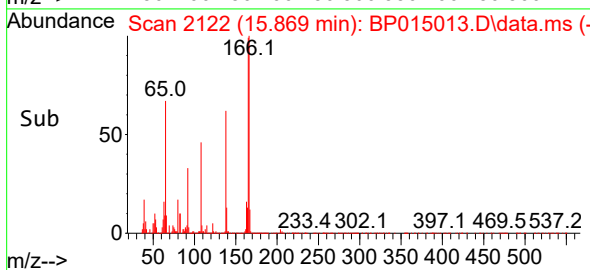
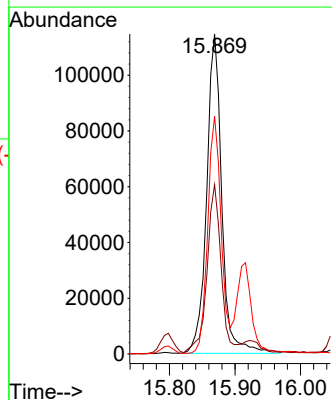
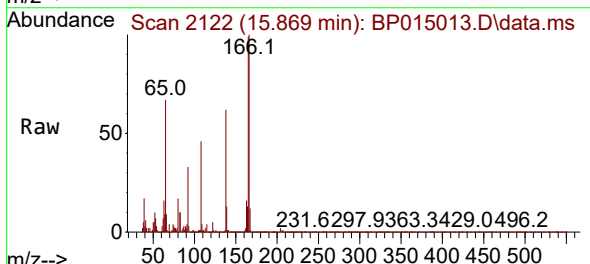
Instrument :
BNA_P
ClientSampleId :
SSTD020703

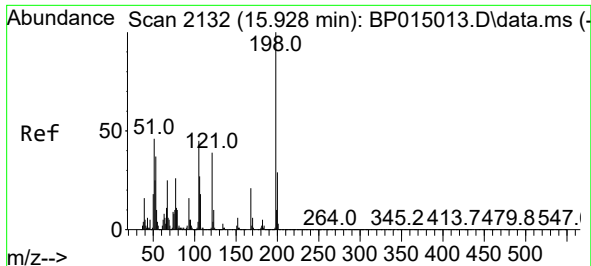
Tgt Ion:204 Resp: 613268
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 59.0 46.8 70.2



#63
4-Nitroaniline
Concen: 17.879 ng/ul
RT: 15.869 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:138 Resp: 184558
Ion Ratio Lower Upper
138 100
92 52.9 43.7 65.5
108 74.3 57.4 86.2

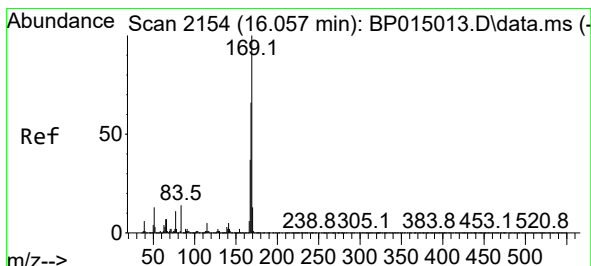
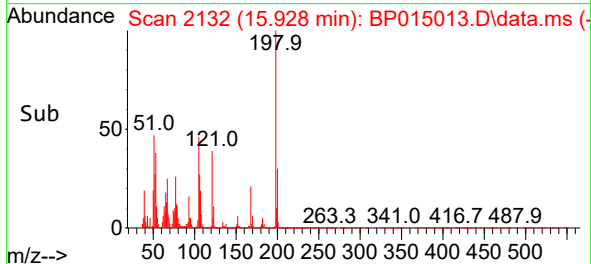
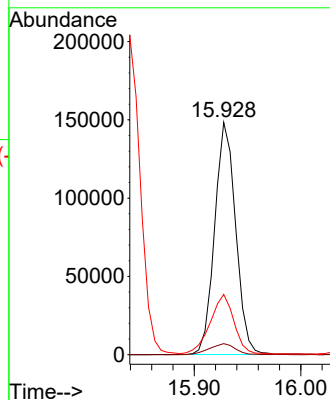
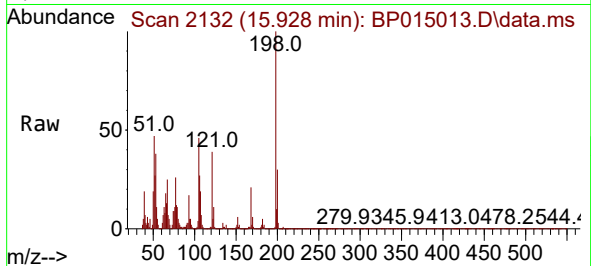




#66
4,6-Dinitro-2-methylphenol
Concen: 15.627 ng/ul
RT: 15.928 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

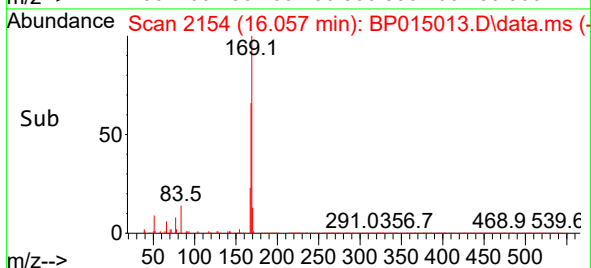
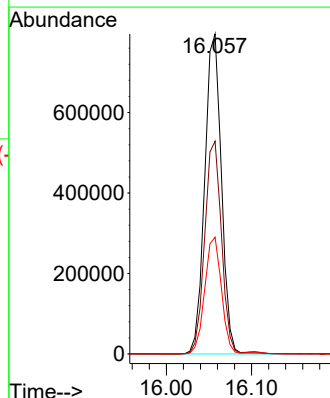
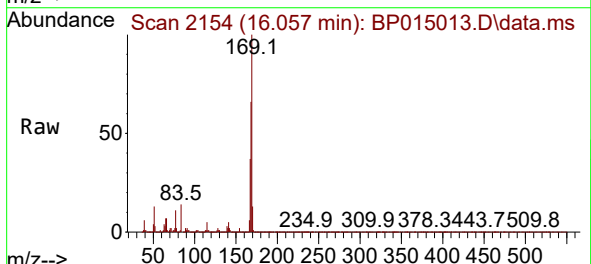
Instrument :
BNA_P
ClientSampleId :
SSTD020703

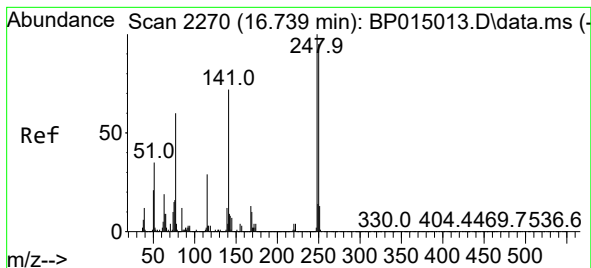
Tgt Ion:198 Resp: 203138
Ion Ratio Lower Upper
198 100
182 4.8 3.9 5.9
77 26.0 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 16.330 ng/ul
RT: 16.057 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:169 Resp: 1079017
Ion Ratio Lower Upper
169 100
168 66.5 53.5 80.3
167 36.5 29.3 43.9

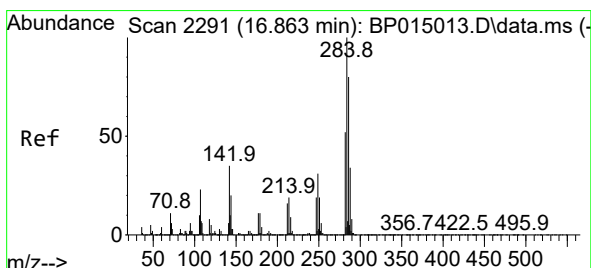
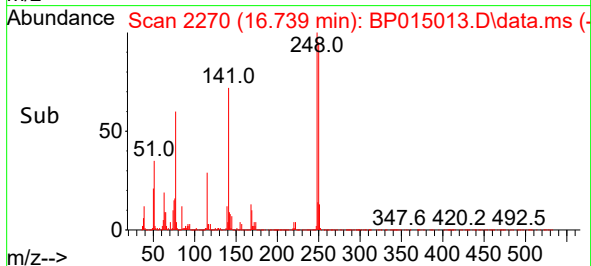
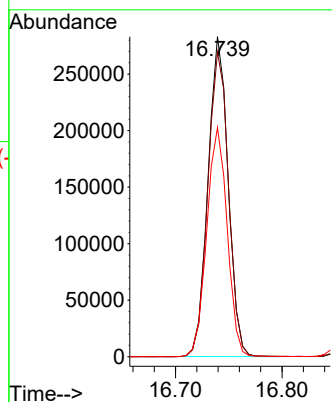
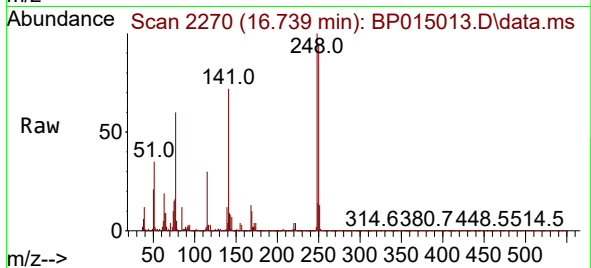




#68
4-Bromophenyl-phenylether
Concen: 16.415 ng/ul
RT: 16.739 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

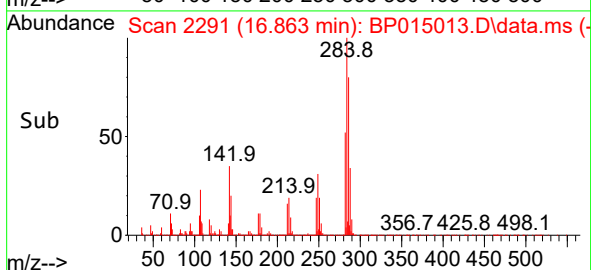
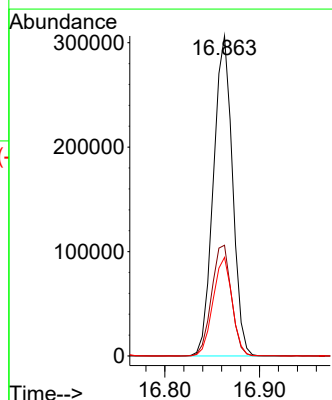
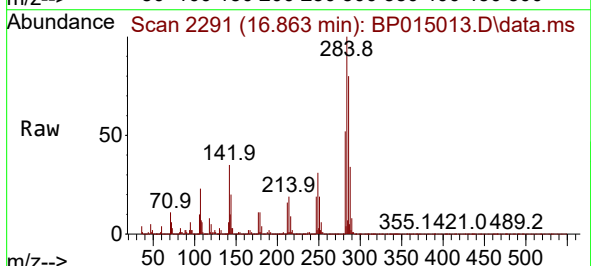
Instrument :
BNA_P
ClientSampleId :
SSTD020703

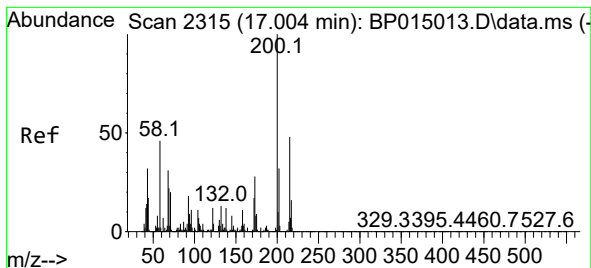
Tgt Ion:248 Resp: 371749
Ion Ratio Lower Upper
248 100
250 95.2 79.5 119.3
141 71.6 60.2 90.4



#69
Hexachlorobenzene
Concen: 16.030 ng/ul
RT: 16.863 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:284 Resp: 427623
Ion Ratio Lower Upper
284 100
142 34.6 30.2 45.2
249 30.8 24.5 36.7





#70

Atrazine

Concen: 17.068 ng/ul

RT: 17.004 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

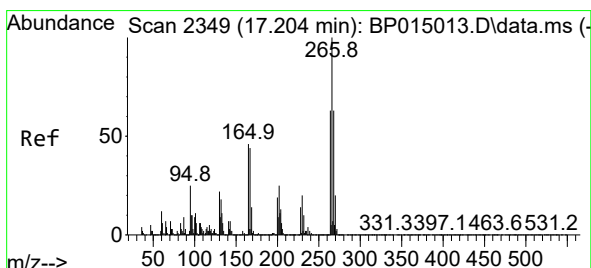
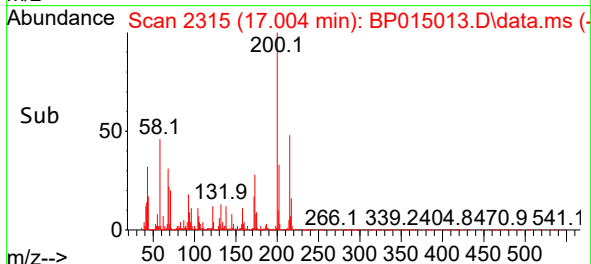
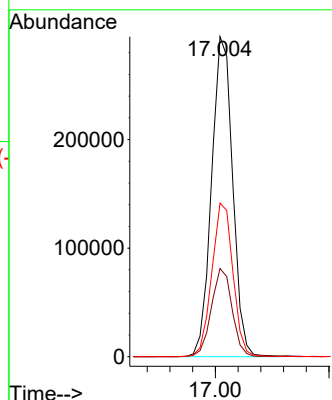
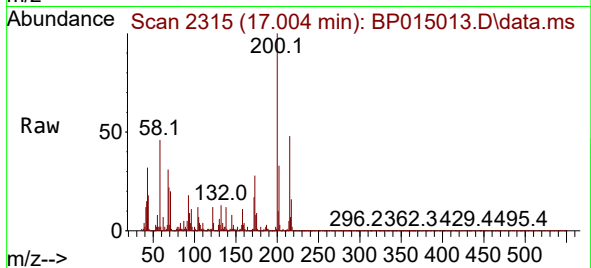
Tgt Ion:200 Resp: 379513

Ion Ratio Lower Upper

200 100

173 27.6 21.8 32.6

215 48.0 39.0 58.4



#71

Pentachlorophenol

Concen: 15.799 ng/ul

RT: 17.204 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

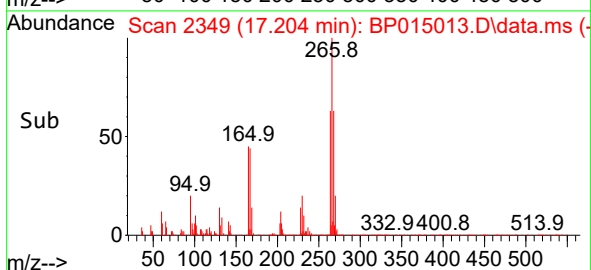
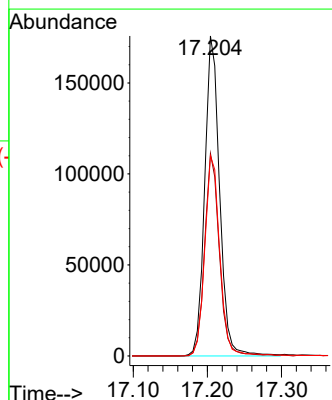
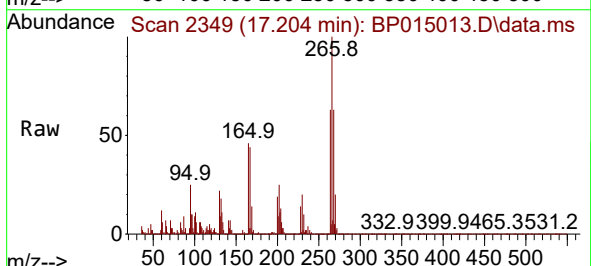
Tgt Ion:266 Resp: 246030

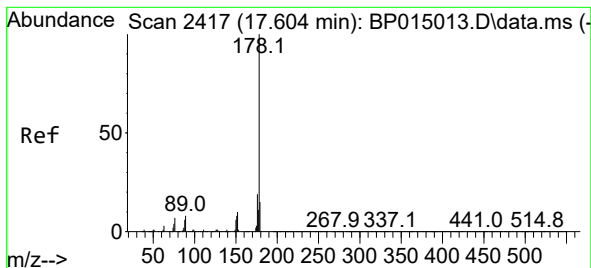
Ion Ratio Lower Upper

266 100

264 63.3 48.9 73.3

268 62.5 49.6 74.4





#72

Phenanthrene

Concen: 16.518 ng/ul

RT: 17.604 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

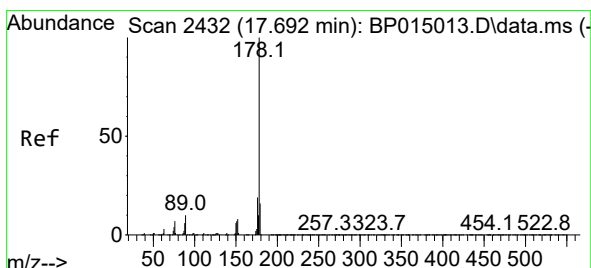
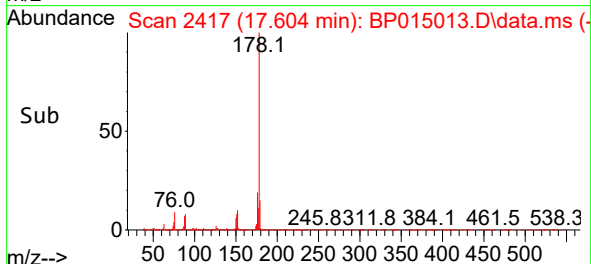
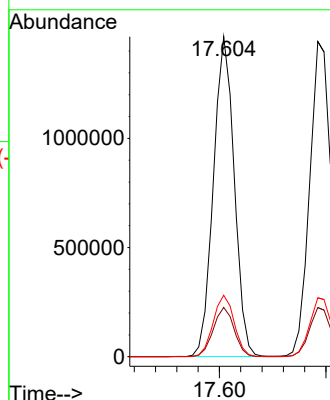
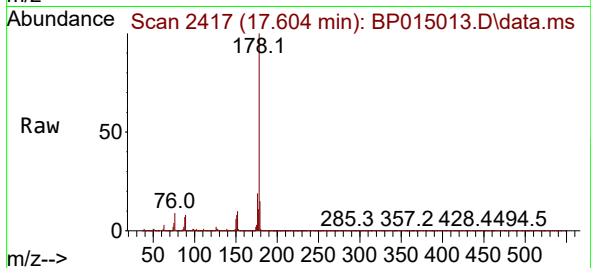
Tgt Ion:178 Resp: 1986625

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.2 15.4 23.0



#74

Anthracene

Concen: 16.893 ng/ul

RT: 17.692 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

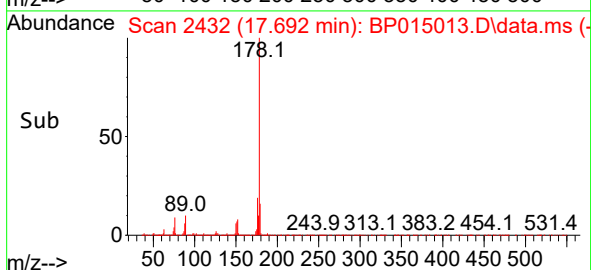
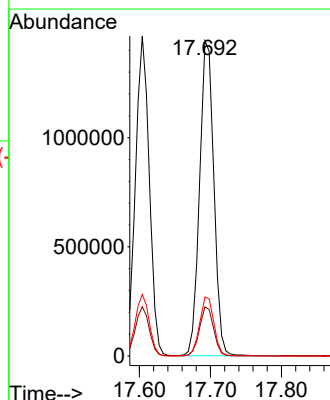
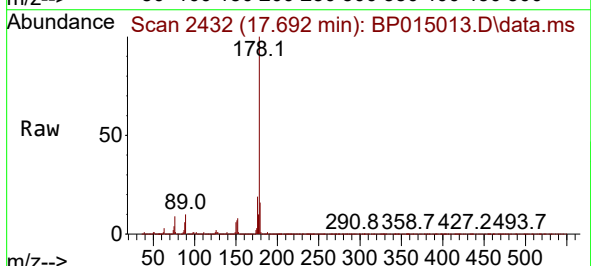
Tgt Ion:178 Resp: 2022779

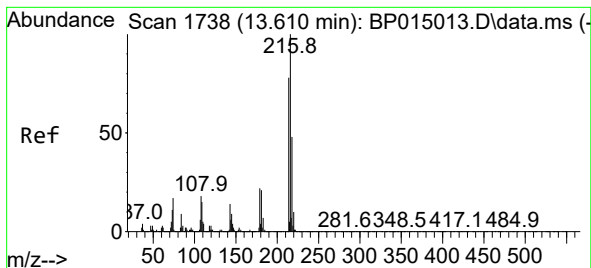
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 14.954 ng/uL

RT: 13.610 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

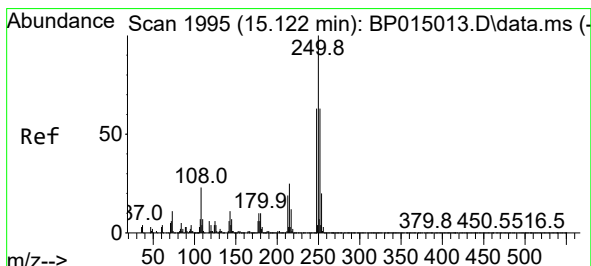
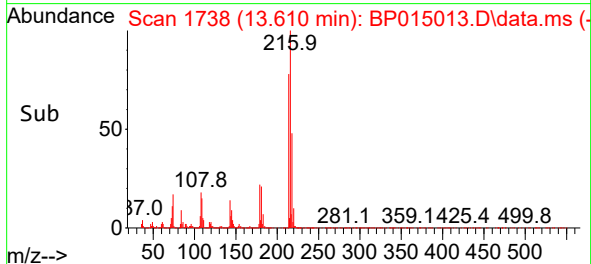
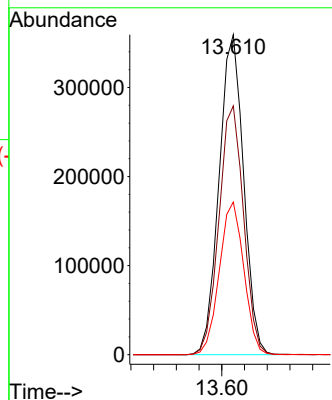
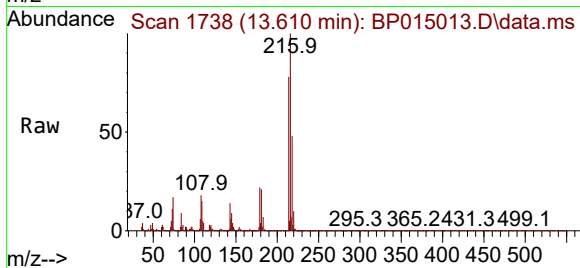
Tgt Ion:216 Resp: 538907

Ion Ratio Lower Upper

216 100

214 77.7 60.5 90.7

218 47.7 38.6 58.0



#76

Pentachlorobenzene

Concen: 15.262 ng/uL

RT: 15.122 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

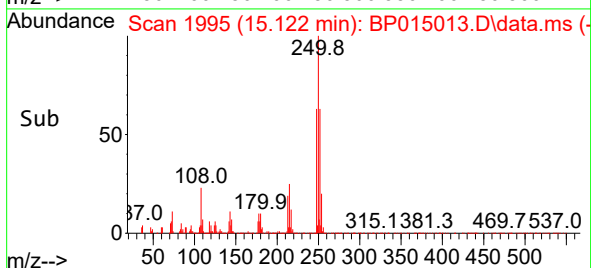
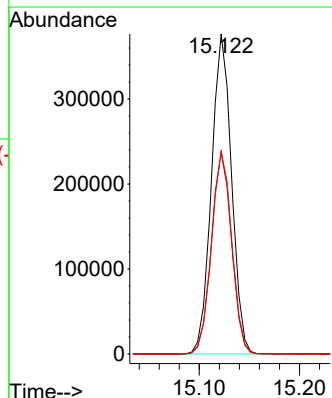
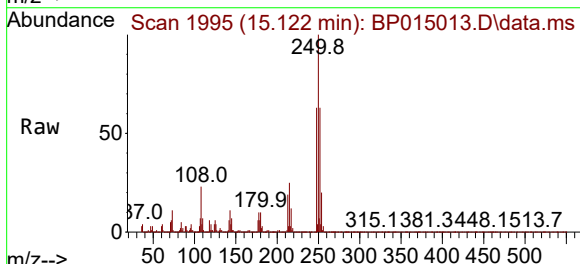
Tgt Ion:250 Resp: 523257

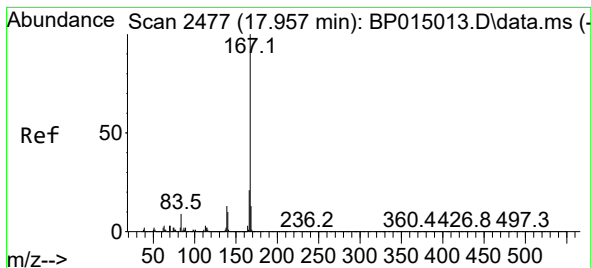
Ion Ratio Lower Upper

250 100

248 63.0 50.5 75.7

252 63.3 50.5 75.7





#77

Carbazole

Concen: 17.812 ng/ul

RT: 17.957 min Scan# 2477

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

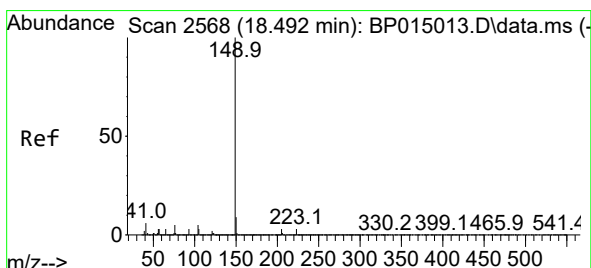
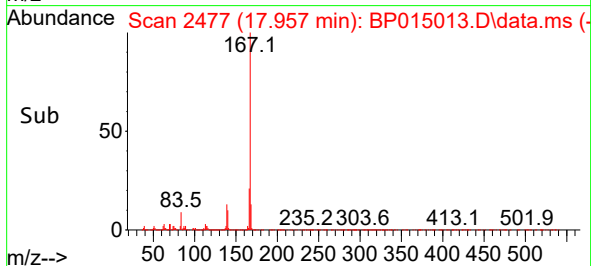
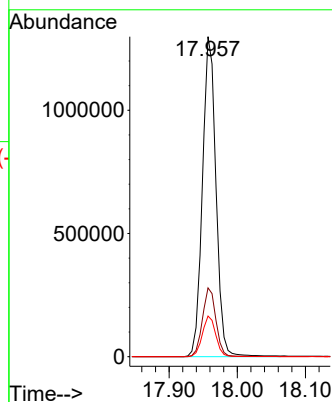
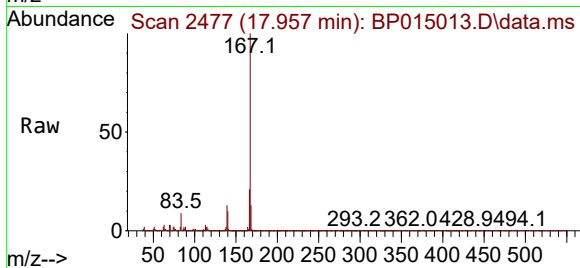
Tgt Ion:167 Resp: 1793875

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.7 10.1 15.1



#78

Di-n-butylphthalate

Concen: 19.242 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

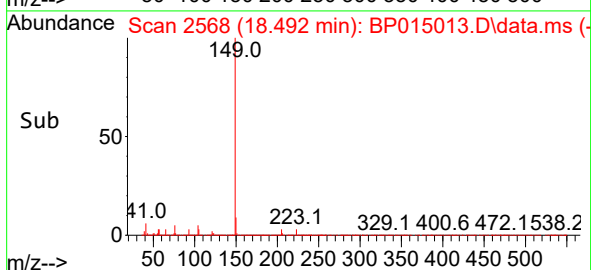
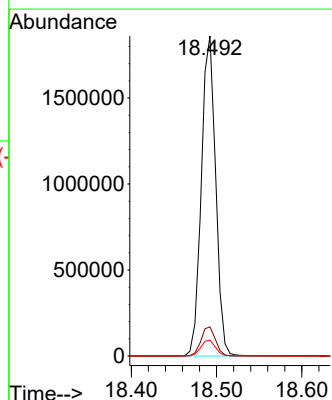
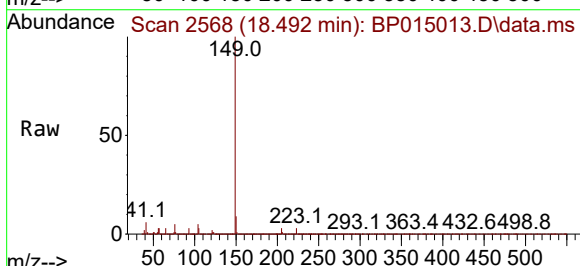
Tgt Ion:149 Resp: 2167011

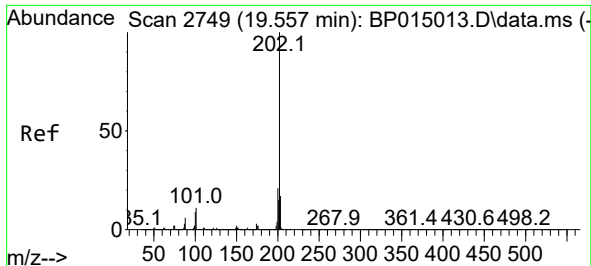
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 4.1 6.1

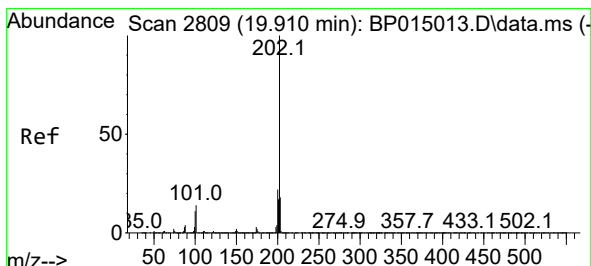
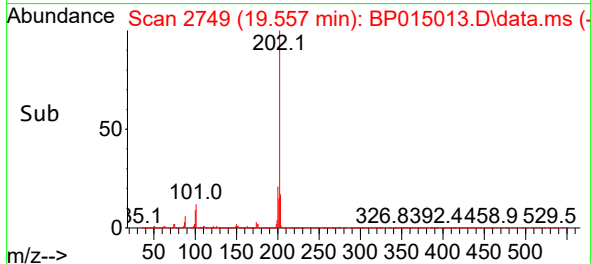
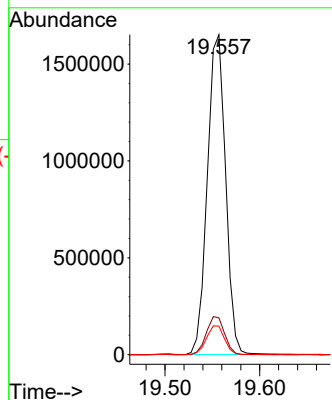
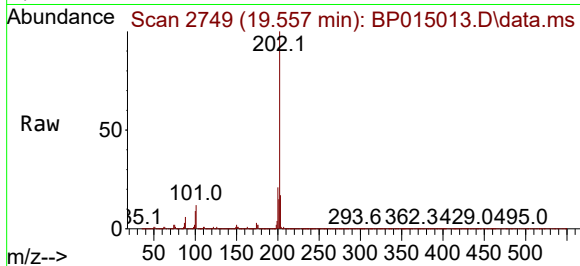




#80
Fluoranthene
Concen: 15.997 ng/ul
RT: 19.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

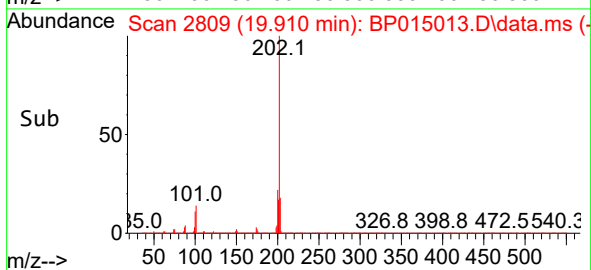
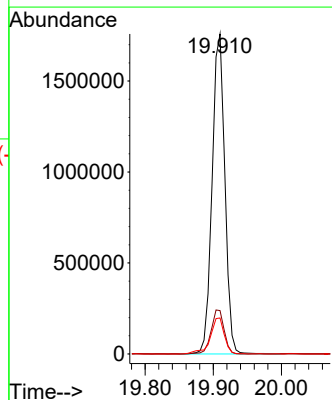
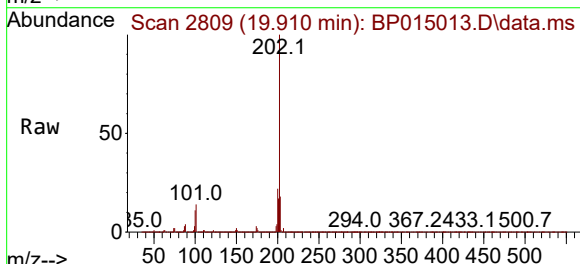
Instrument :
BNA_P
ClientSampleId :
SSTD020703

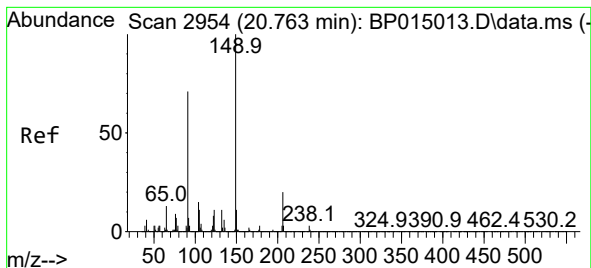
Tgt Ion:202 Resp: 2202603
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 8.9 7.7 11.5



#82
Pyrene
Concen: 15.672 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP015013.D
Acq: 09 May 2023 08:53

Tgt Ion:202 Resp: 2286161
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 11.2 9.7 14.5





#83

Butylbenzylphthalate

Concen: 21.183 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

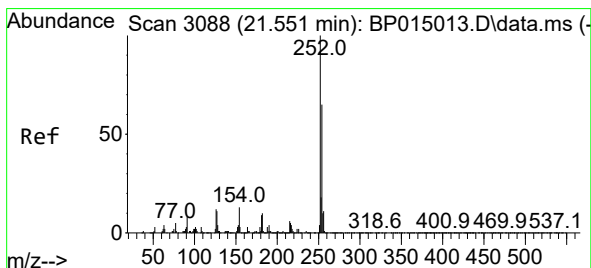
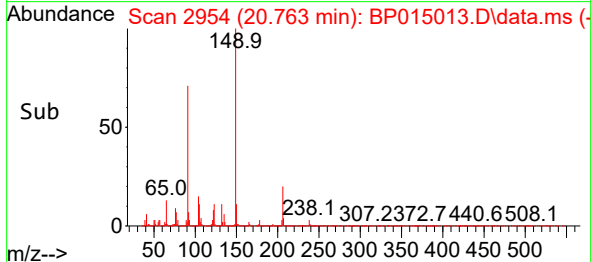
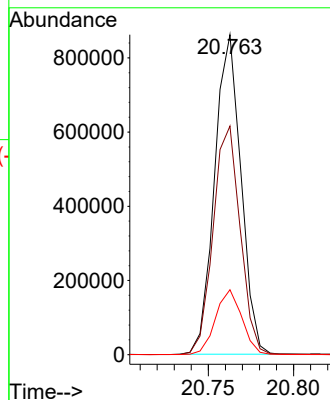
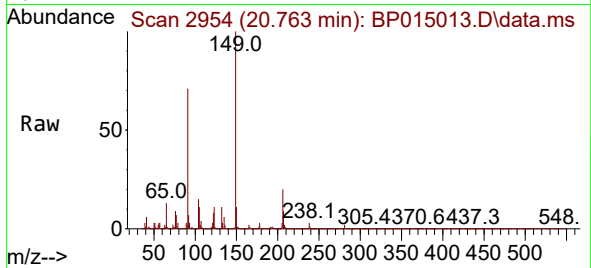
Tgt Ion:149 Resp: 927760

Ion Ratio Lower Upper

149 100

91 71.4 60.1 90.1

206 20.3 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 20.014 ng/ul

RT: 21.551 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

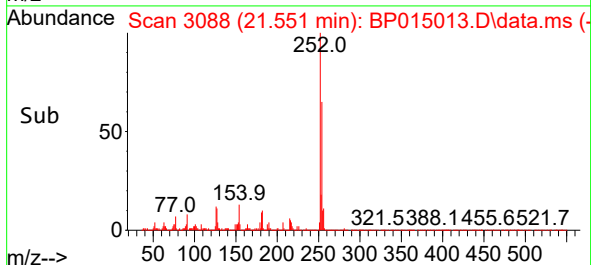
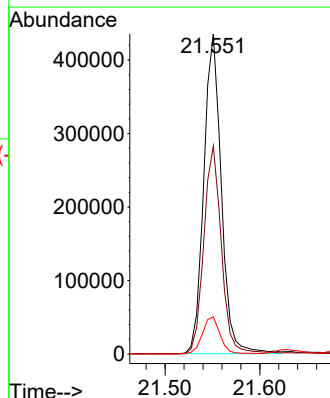
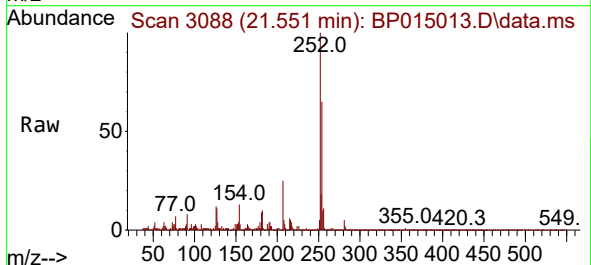
Tgt Ion:252 Resp: 560434

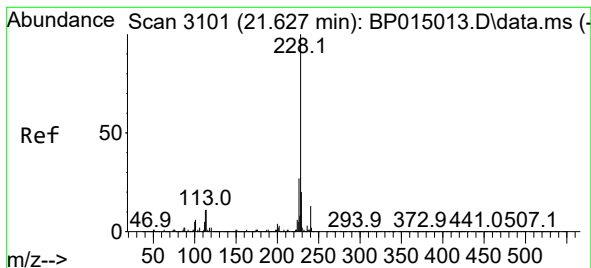
Ion Ratio Lower Upper

252 100

254 65.0 53.3 79.9

126 11.6 9.0 13.6





#85

Benzo(a)anthracene

Concen: 17.160 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

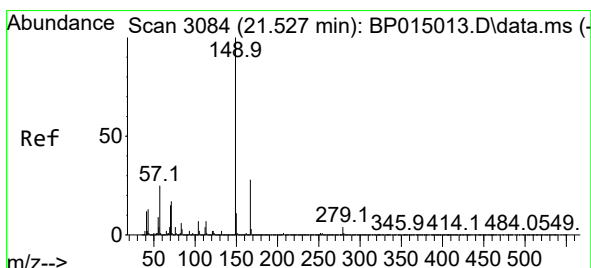
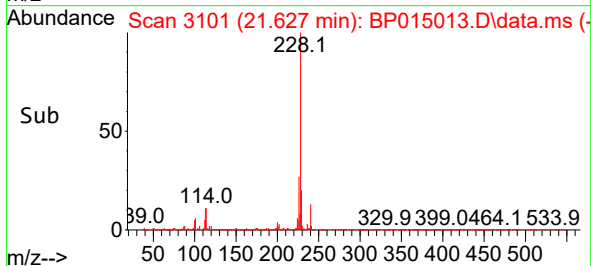
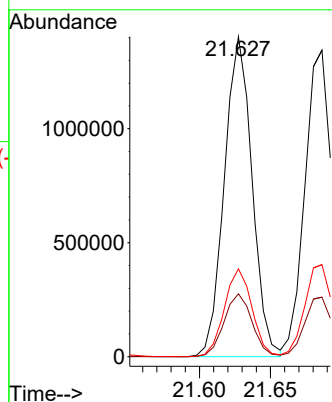
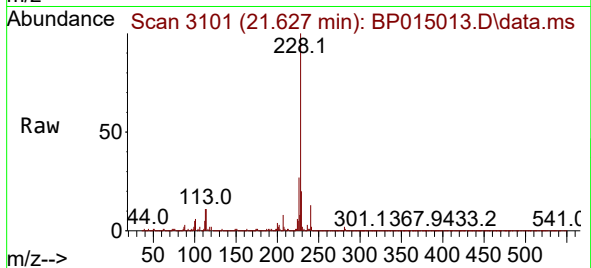
Tgt Ion:228 Resp: 1905594

Ion Ratio Lower Upper

228 100

229 19.7 15.9 23.9

226 27.5 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.224 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

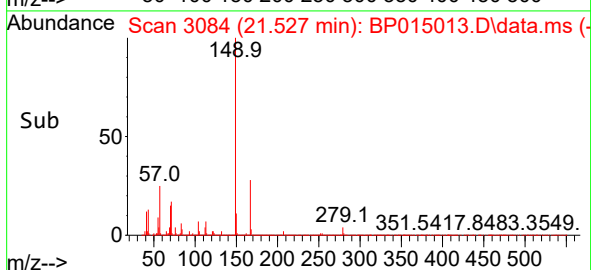
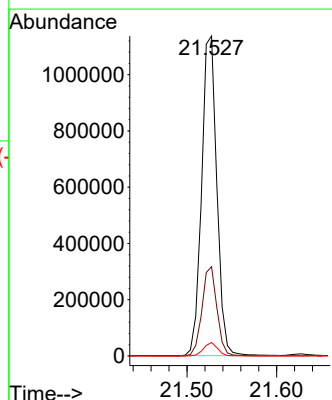
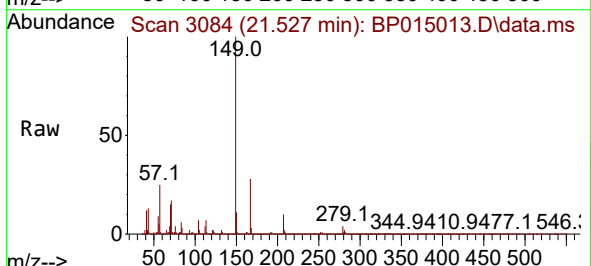
Tgt Ion:149 Resp: 1334964

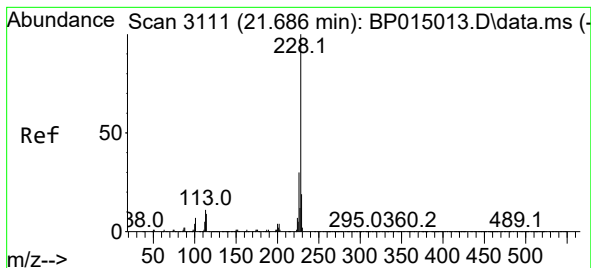
Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

279 4.2 2.9 4.3





#87

Chrysene

Concen: 16.232 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

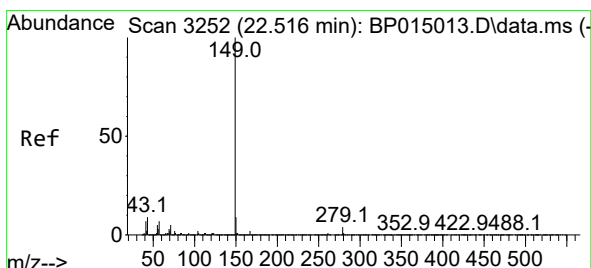
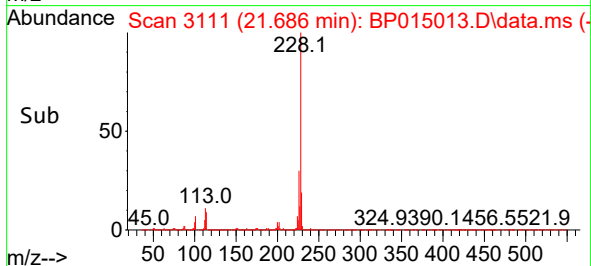
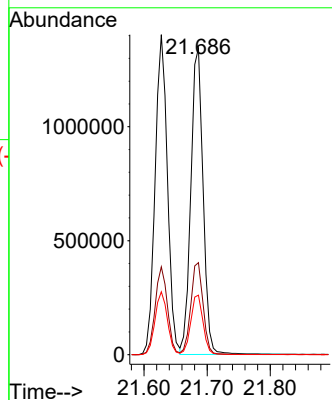
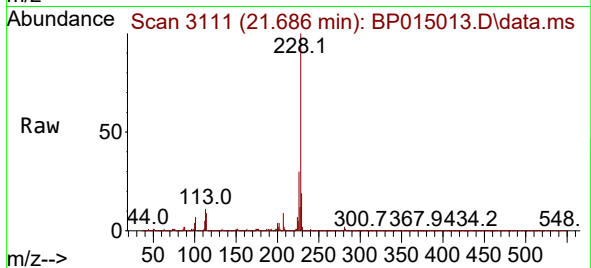
Tgt Ion:228 Resp: 1815032

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.4 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 26.480 ng/ul

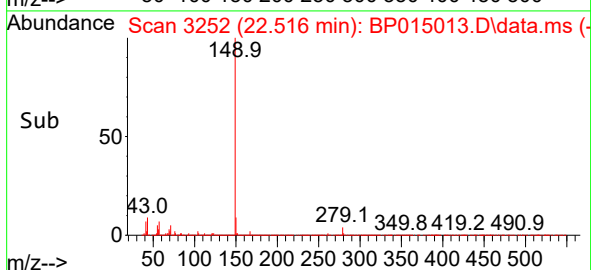
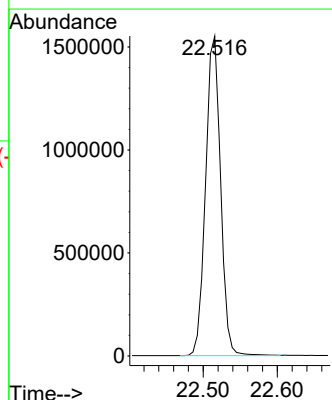
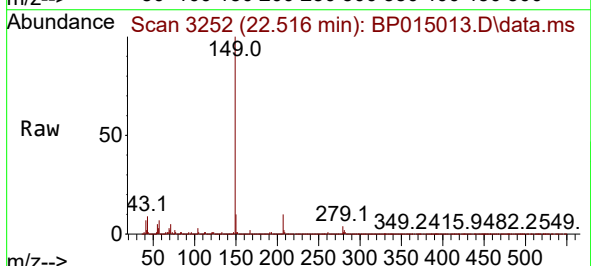
RT: 22.516 min Scan# 3252

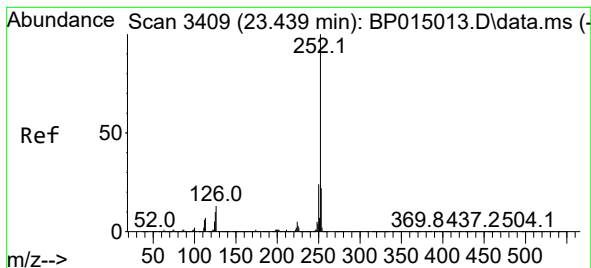
Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Tgt Ion:149 Resp: 2178376





#90

Benzo(b)fluoranthene

Concen: 17.496 ng/ul

RT: 23.439 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

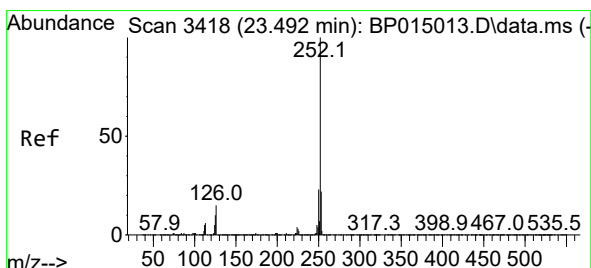
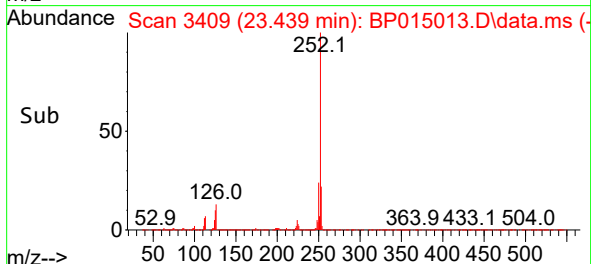
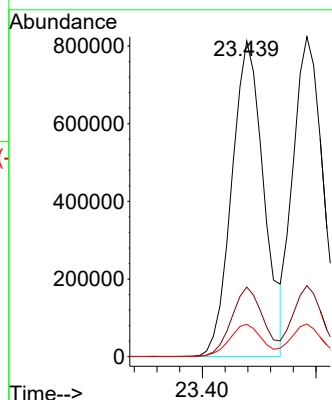
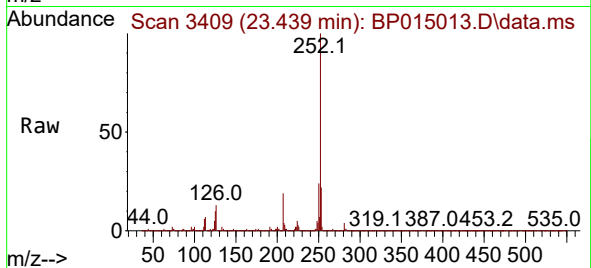
Tgt Ion:252 Resp: 1593151

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.3 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 16.293 ng/ul

RT: 23.492 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

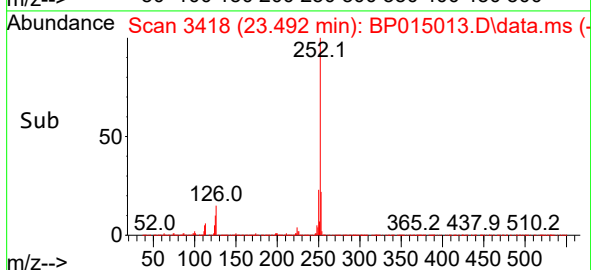
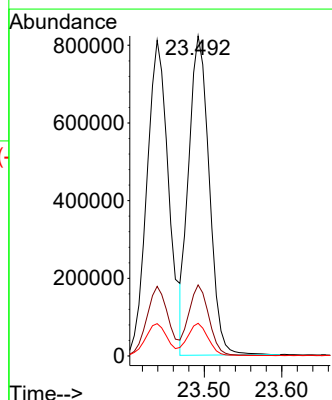
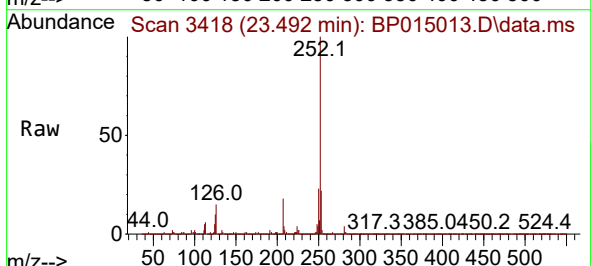
Tgt Ion:252 Resp: 1509903

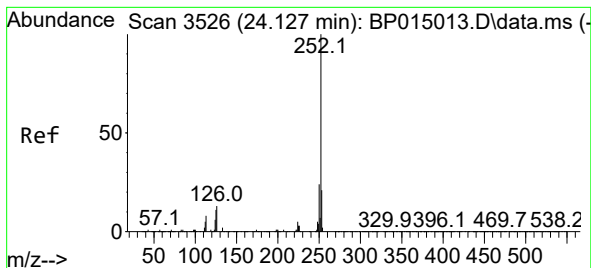
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 16.258 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

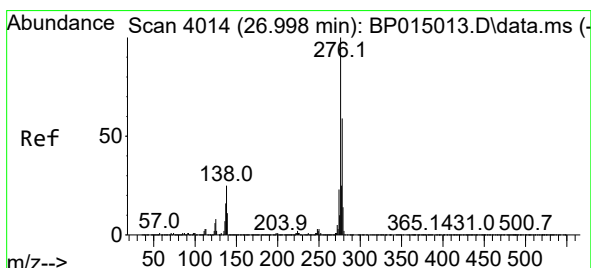
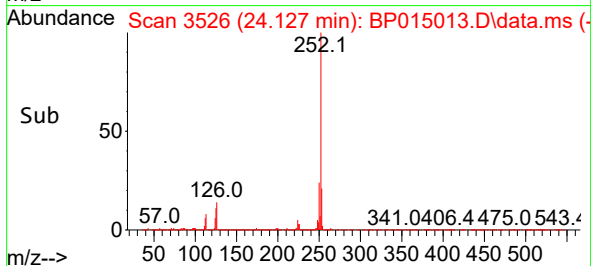
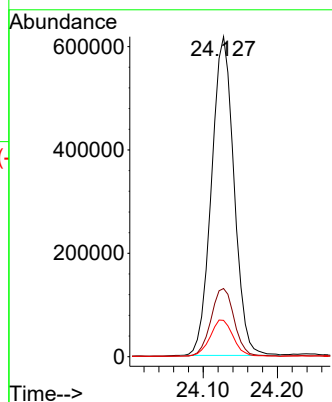
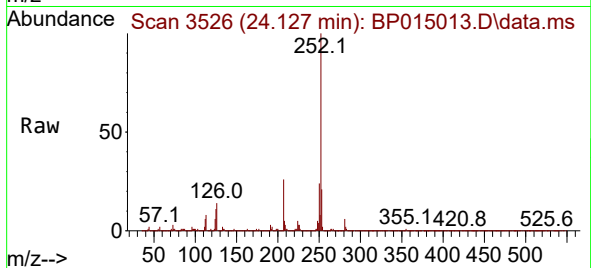
Tgt Ion:252 Resp: 1298286

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 11.3 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 15.081 ng/ul

RT: 26.998 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

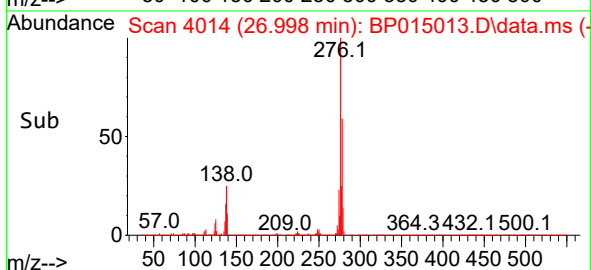
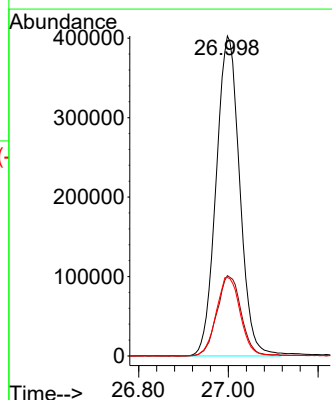
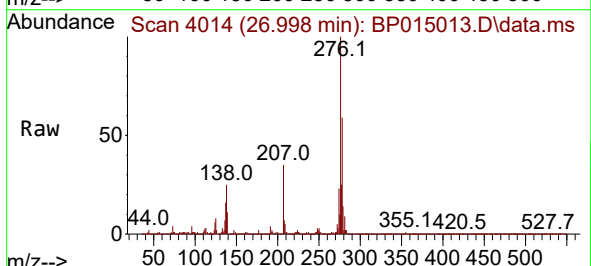
Tgt Ion:276 Resp: 1469083

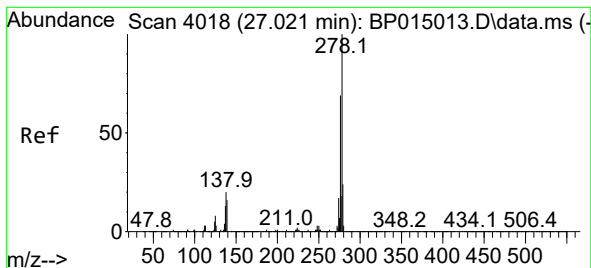
Ion Ratio Lower Upper

276 100

138 25.1 19.4 29.0

277 24.5 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 15.095 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SSTD020703

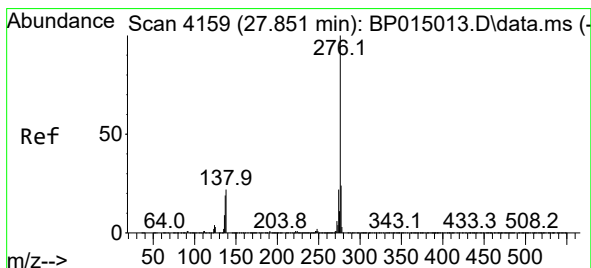
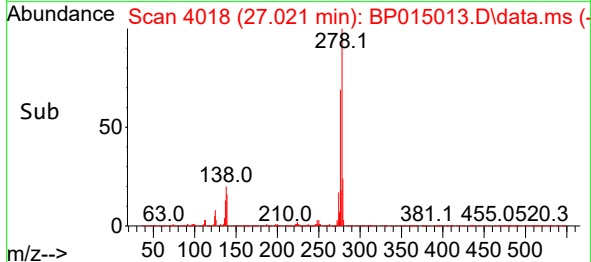
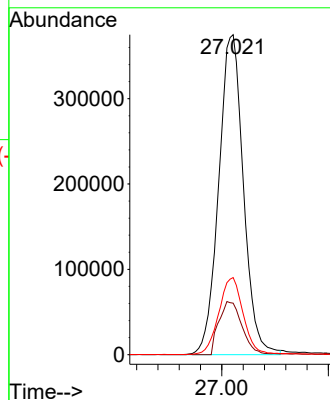
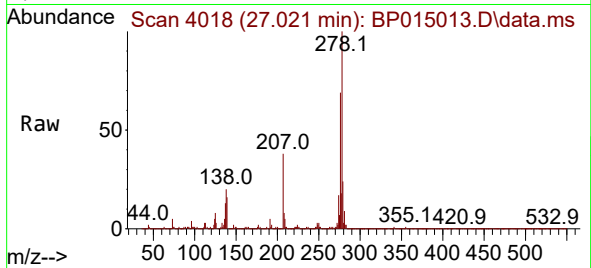
Tgt Ion:278 Resp: 1205171

Ion Ratio Lower Upper

278 100

139 16.1 12.9 19.3

279 24.1 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 14.706 ng/ul

RT: 27.851 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015013.D

Acq: 09 May 2023 08:53

Tgt Ion:276 Resp: 1219211

Ion Ratio Lower Upper

276 100

138 21.9 18.0 27.0

277 23.7 19.8 29.8

