

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
 Data File : BP015061.D
 Acq On : 11 May 2023 12:13
 Operator : CG/JU
 Sample : SST01072
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010612

Quant Time: May 11 22:11:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 15:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	308857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	1390986	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	902893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1970903	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	1786293	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	2072637	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	30766	3.870	ng/uL	0.00
4) Pyridine-d5	3.881	84	219353	9.735	ng/ul	0.00
7) Phenol-d5	7.293	99	268223	9.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.457	67	164701	9.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	204219	9.686	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	219158	9.591	ng/ul	0.00
21) Nitrobenzene-d5	9.316	128	105999	9.698	ng/ul	0.00
24) 2-Nitrophenol-d4	10.046	143	114610	9.424	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	214108	9.756	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	333633	10.275	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	688996	10.098	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	780511	10.002	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	121408	9.164	ng/ul	0.00
60) Fluorene-d10	15.775	176	583368	10.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	106217	8.552	ng/ul	0.00
73) Anthracene-d10	17.639	188	920772	10.203	ng/ul	0.00
81) Pyrene-d10	19.857	212	1038789	10.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	1020796	9.921	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	34060	3.987	ng/uL#	96
5) Pyridine	3.905	79	225800	9.635	ng/ul	98
6) Benzaldehyde	7.269	77	64889	8.232	ng/ul	96
8) Phenol	7.316	94	274853	9.347	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.552	93	233340	9.918	ng/ul	98
12) 2-Chlorophenol	7.699	128	217614	9.758	ng/ul	98
13) 2-Methylphenol	8.587	108	219579	9.662	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.675	45	298907	10.141	ng/ul	99
16) Acetophenone	8.975	105	370416	10.386	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.957	70	191484	10.238	ng/ul	99
18) 4-Methylphenol	8.916	108	240023	9.595	ng/ul	98
19) Hexachloroethane	9.234	117	89588	9.838	ng/ul	95
22) Nitrobenzene	9.357	77	267491	9.909	ng/ul	97
23) Isophorone	9.893	82	553012	9.966	ng/ul	99
25) 2-Nitrophenol	10.081	139	128684	9.649	ng/ul	98
26) 2,4-Dimethylphenol	10.134	107	265138	9.963	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.369	93	339713	10.062	ng/ul	99
29) 2,4-Dichlorophenol	10.616	162	217689	9.820	ng/ul	98
30) Naphthalene	11.022	128	768870	10.167	ng/ul	100
32) 4-Chloroaniline	11.134	127	346659	10.387	ng/ul	100
33) Hexachlorobutadiene	11.304	225	133873	10.020	ng/ul	99
34) Caprolactam	11.904	113	81378	9.738	ng/ul	93
35) 4-Chloro-3-methylphenol	12.245	107	252565	10.090	ng/ul	96
36) 2-Methylnaphthalene	12.622	142	516703	10.141	ng/ul	100

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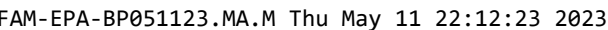
Instrument :
 BNA_P
 ClientSampleId :
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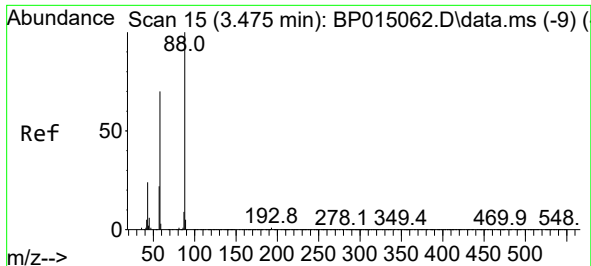
Quant Time: May 11 22:11:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 15:04:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	520606	10.174	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	266741	9.878	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	151786	8.675	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	183159	9.606	ng/ul	98
42) 2,4,5-Trichlorophenol	13.292	196	197789	9.567	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	715652	10.216	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	551193	10.075	ng/ul	98
45) 2-Nitroaniline	13.863	65	147033	9.393	ng/ul	93
47) Dimethylphthalate	14.234	163	721532	10.155	ng/ul	99
48) 2,6-Dinitrotoluene	14.357	165	131427	9.336	ng/ul	98
50) Acenaphthylene	14.510	152	886268	10.179	ng/ul	100
51) 3-Nitroaniline	14.687	138	97672	7.705	ng/ul	95
52) Acenaphthene	14.845	153	606662	10.202	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	69739	7.461	ng/ul	98
55) 4-Nitrophenol	14.986	109	91766	9.417	ng/ul	95
56) Dibenzofuran	15.181	168	850616	10.284	ng/ul	99
57) 2,4-Dinitrotoluene	15.145	165	195074	9.577	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.404	232	171393	9.823	ng/ul	99
59) Diethylphthalate	15.592	149	723557	10.210	ng/ul	99
61) Fluorene	15.834	166	697486	10.493	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	333200	10.259	ng/ul	97
63) 4-Nitroaniline	15.845	138	85641	7.824	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.910	198	116252	9.069	ng/ul#	99
67) N-Nitrosodiphenylamine	16.034	169	595044	10.268	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	200681	9.886	ng/ul	99
69) Hexachlorobenzene	16.839	284	242150	10.094	ng/ul	99
70) Atrazine	16.986	200	215214	10.047	ng/ul	97
71) Pentachlorophenol	17.186	266	138086	9.202	ng/ul	100
72) Phenanthrene	17.580	178	1103062	10.278	ng/ul	99
74) Anthracene	17.675	178	1118180	10.303	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	278690	9.973	ng/uL	99
76) Pentachlorobenzene	15.104	250	282266	10.060	ng/uL	99
77) Carbazole	17.939	167	994616	10.452	ng/ul	100
78) Di-n-butylphthalate	18.469	149	1253777	10.231	ng/ul	100
80) Fluoranthene	19.533	202	1275982	10.105	ng/ul	99
82) Pyrene	19.886	202	1332379	10.218	ng/ul	99
83) Butylbenzylphthalate	20.739	149	575316	9.952	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.521	252	406191	10.354	ng/ul	97
85) Benzo(a)anthracene	21.604	228	1245103	10.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	848104	10.190	ng/ul	100
87) Chrysene	21.657	228	1205243	10.208	ng/ul	98
89) Di-n-octyl phthalate	22.480	149	1451675	10.227	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1319849	10.045	ng/ul	99
91) Benzo(k)fluoranthene	23.451	252	1256286	9.957	ng/ul	100
93) Benzo(a)pyrene	24.080	252	1164632	10.028	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.927	276	1527290	10.156	ng/ul	98
95) Dibenzo(a,h)anthracene	26.945	278	1253001	10.150	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	1256153	10.244	ng/ul	99

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

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Response via : Initial Calibration

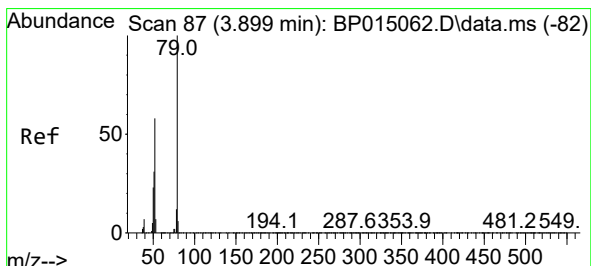
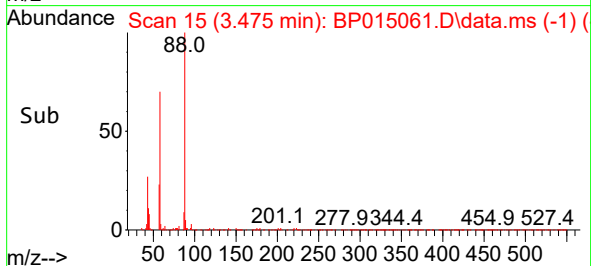
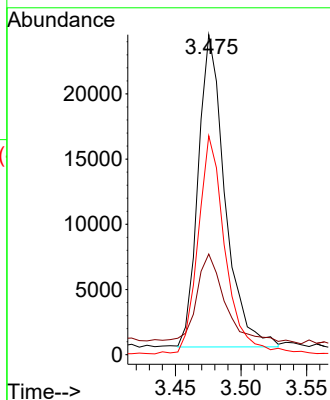
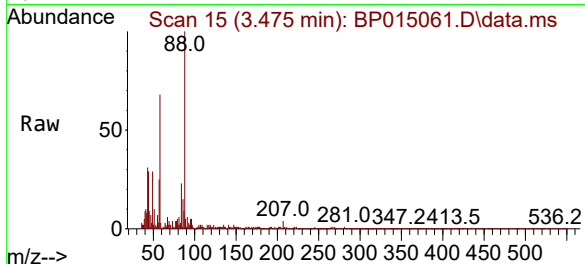




#2
1,4-Dioxane
Concen: 3.987 ng/uL
RT: 3.475 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

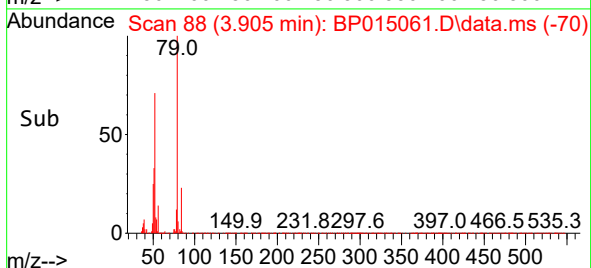
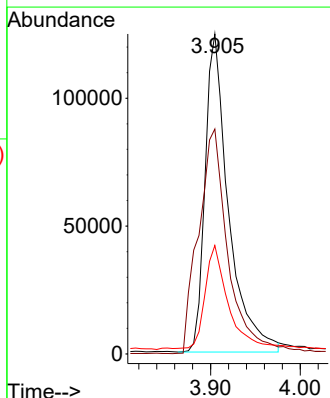
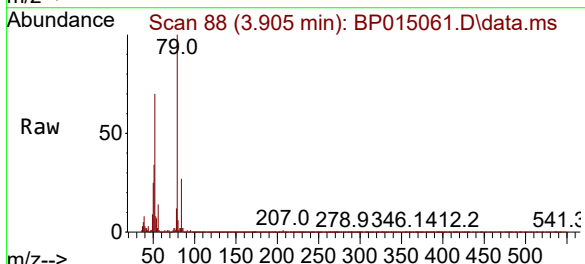
Instrument :
BNA_P
ClientSampleId :
SSTD010612

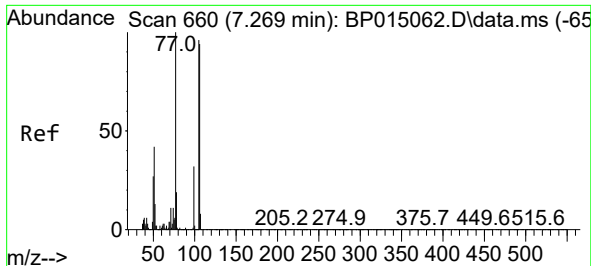
Tgt Ion: 88 Resp: 34060
Ion Ratio Lower Upper
88 100
43 31.4 20.4 30.6#
58 68.4 55.4 83.2



#5
Pyridine
Concen: 9.635 ng/uL
RT: 3.905 min Scan# 88
Delta R.T. 0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion: 79 Resp: 225800
Ion Ratio Lower Upper
79 100
52 70.3 55.4 83.2
51 33.9 25.4 38.2

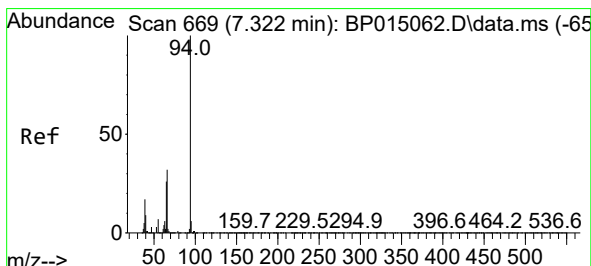
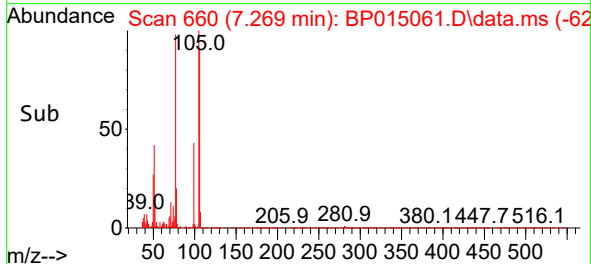
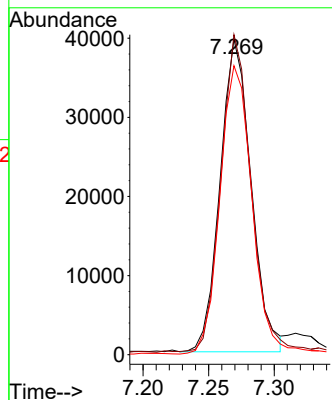
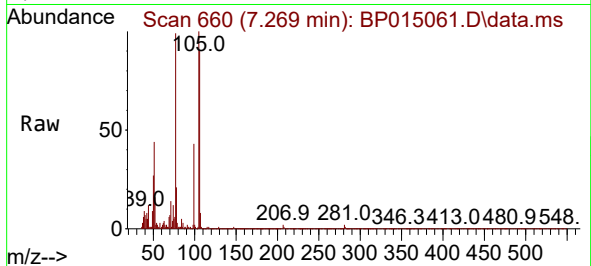




#6
Benzaldehyde
Concen: 8.232 ng/ul
RT: 7.269 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

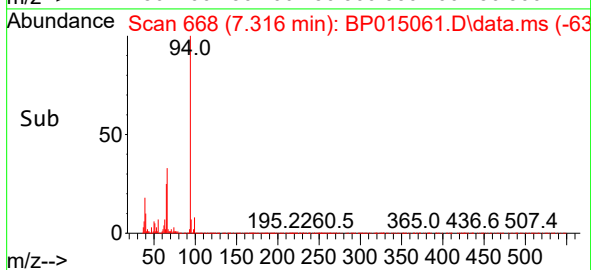
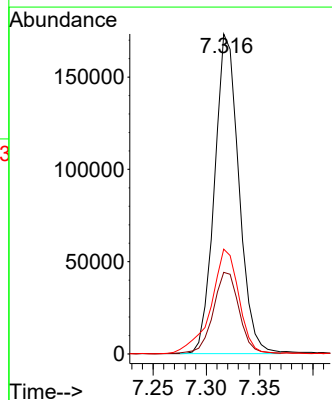
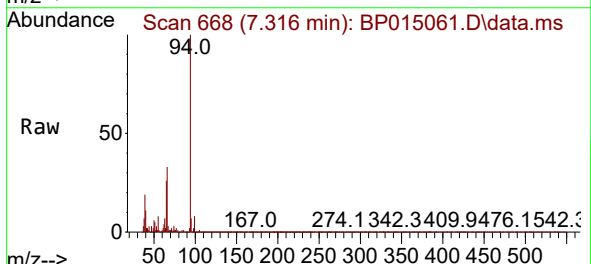
Instrument :
BNA_P
ClientSampleId :
SSTD010612

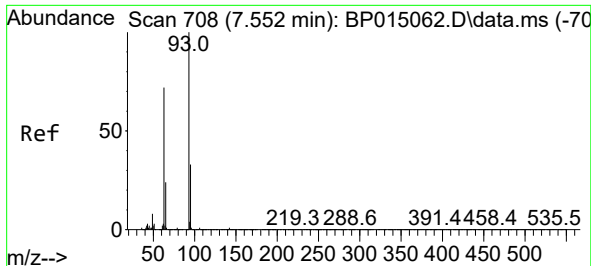
Tgt Ion: 77 Resp: 64889
Ion Ratio Lower Upper
77 100
105 101.4 76.9 115.3
106 91.6 75.0 112.6



#8
Phenol
Concen: 9.347 ng/ul
RT: 7.316 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion: 94 Resp: 274853
Ion Ratio Lower Upper
94 100
65 25.5 20.6 31.0
66 32.7 26.1 39.1



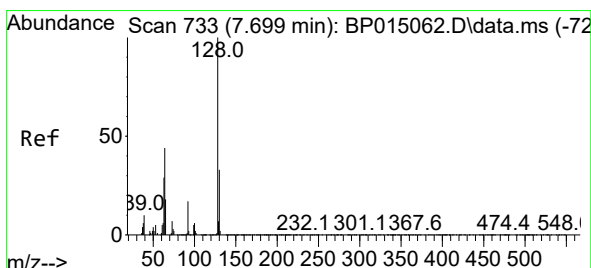
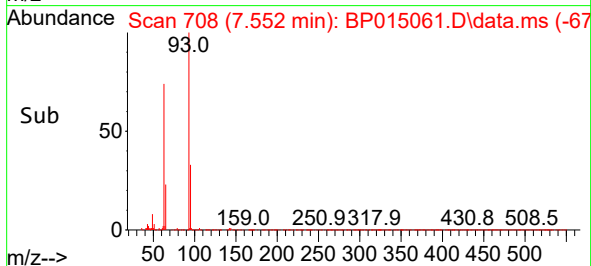
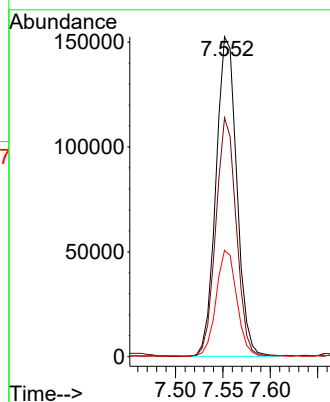
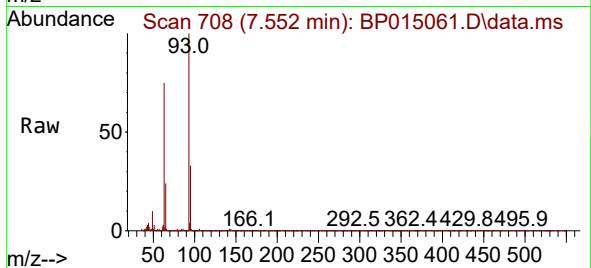


#10
 Bis(2-Chloroethyl)ether
 Concen: 9.918 ng/ul
 RT: 7.552 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: BP015061.D
 Acq: 11 May 2023 12:13

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010612

Tgt Ion: 93 Resp: 233340

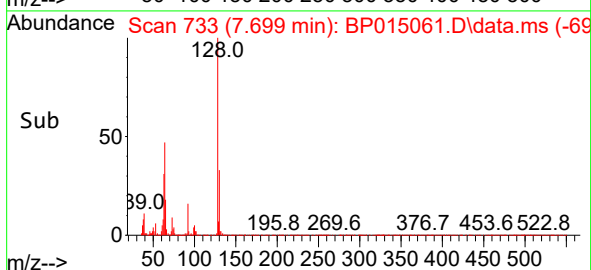
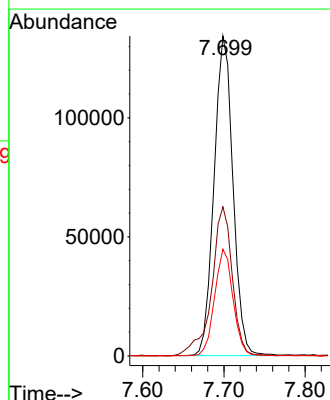
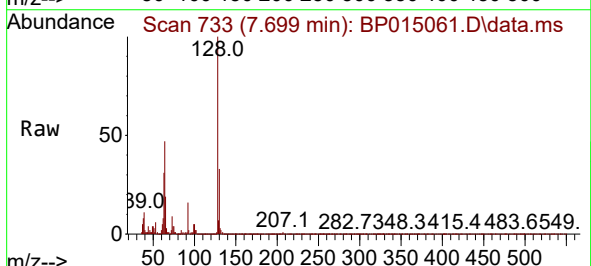
Ion	Ratio	Lower	Upper
93	100		
63	74.6	58.0	87.0
95	33.2	26.4	39.6

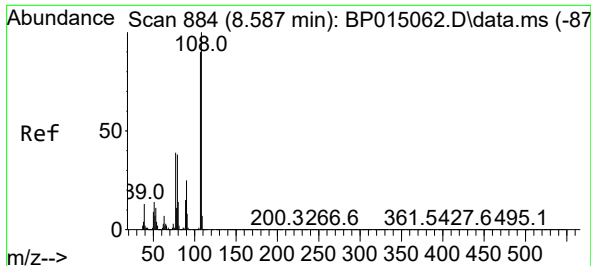


#12
 2-Chlorophenol
 Concen: 9.758 ng/ul
 RT: 7.699 min Scan# 733
 Delta R.T. -0.000 min
 Lab File: BP015061.D
 Acq: 11 May 2023 12:13

Tgt Ion: 128 Resp: 217614

Ion	Ratio	Lower	Upper
128	100		
64	46.6	36.2	54.2
130	33.3	26.3	39.5





#13

2-Methylphenol

Concen: 9.662 ng/ul

RT: 8.587 min Scan# 884

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

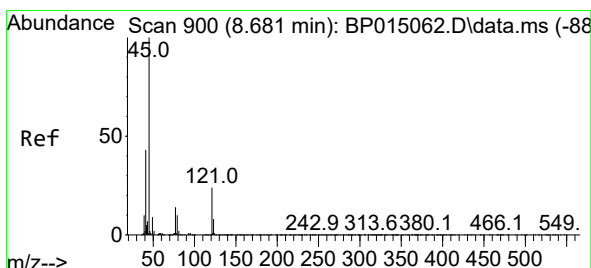
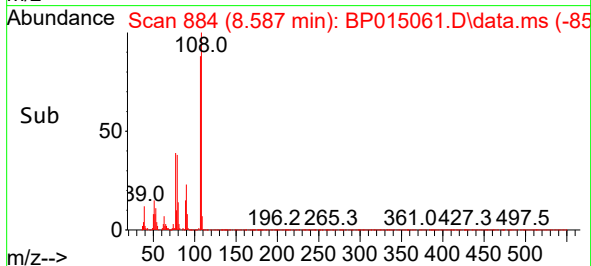
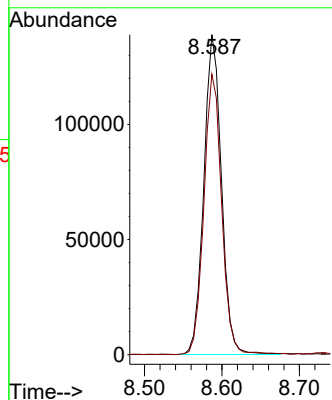
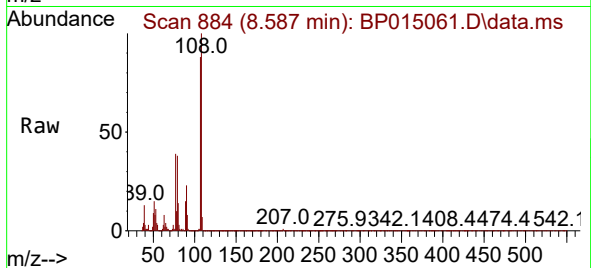
SSTD010612

Tgt Ion:108 Resp: 219579

Ion Ratio Lower Upper

108 100

107 87.7 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.141 ng/ul

RT: 8.675 min Scan# 899

Delta R.T. -0.006 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

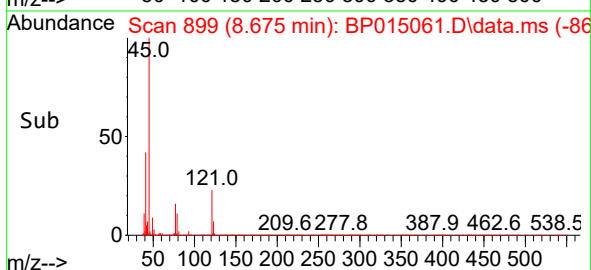
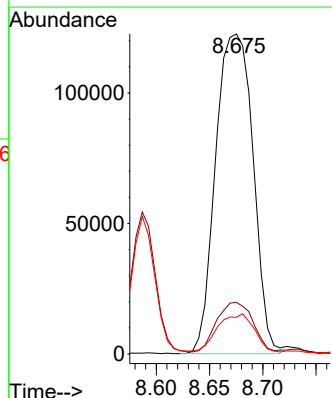
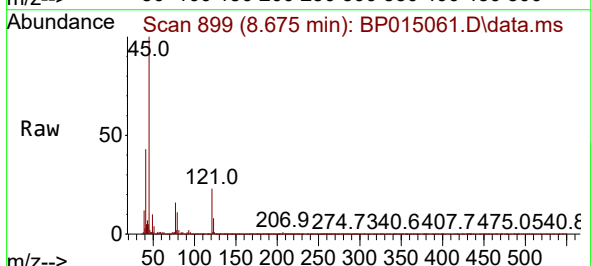
Tgt Ion: 45 Resp: 298907

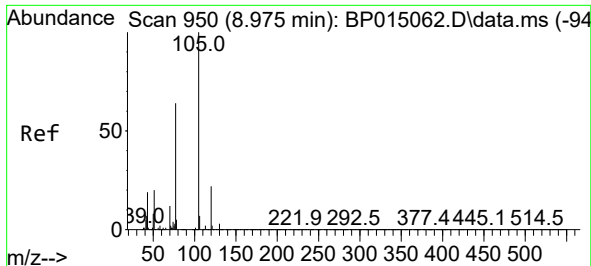
Ion Ratio Lower Upper

45 100

77 16.1 12.8 19.2

79 11.5 9.5 14.3

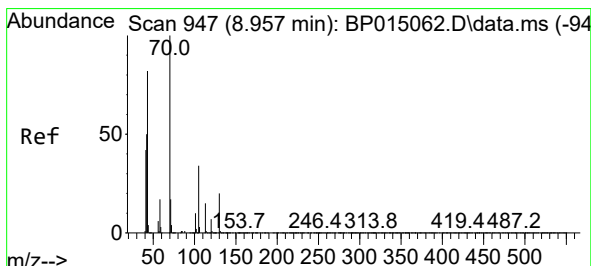
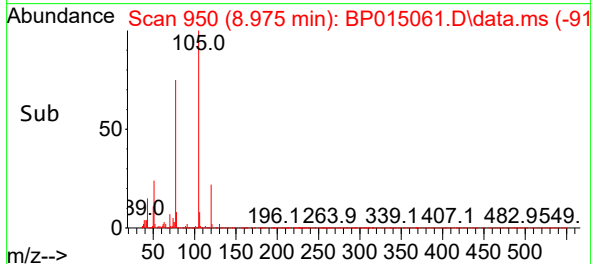
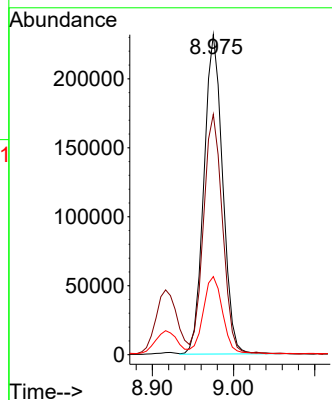
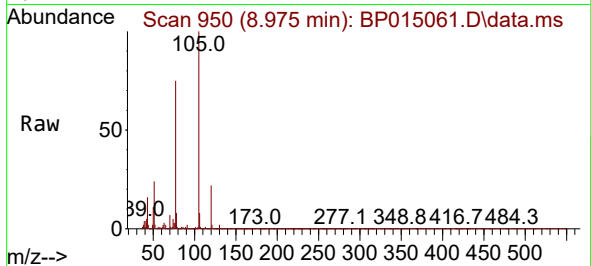




#16
Acetophenone
Concen: 10.386 ng/ul
RT: 8.975 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

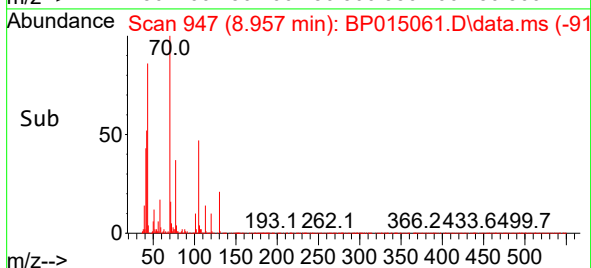
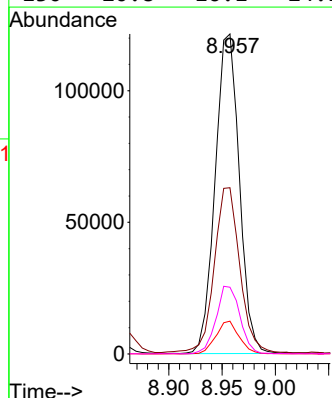
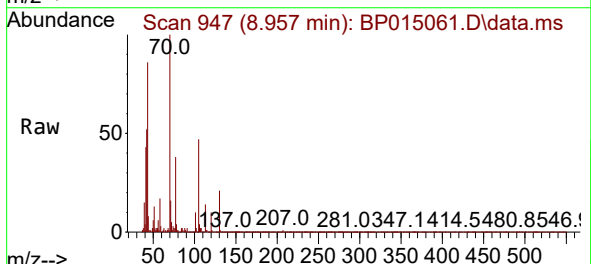
Instrument :
BNA_P
ClientSampleId :
SSTD010612

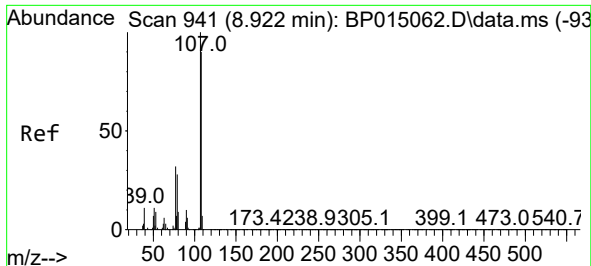
Tgt Ion:105 Resp: 370416
Ion Ratio Lower Upper
105 100
77 75.1 59.4 89.2
51 24.4 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 10.238 ng/ul
RT: 8.957 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion: 70 Resp: 191484
Ion Ratio Lower Upper
70 100
42 52.0 41.0 61.6
101 10.2 7.9 11.9
130 20.8 16.1 24.1

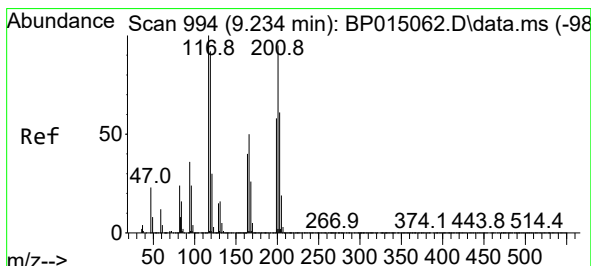
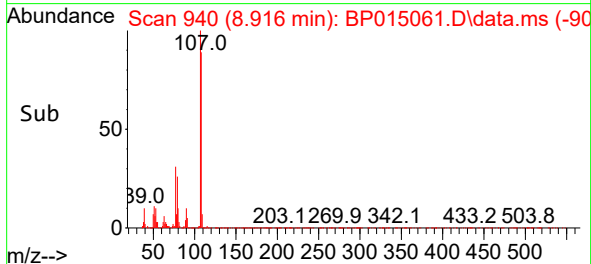
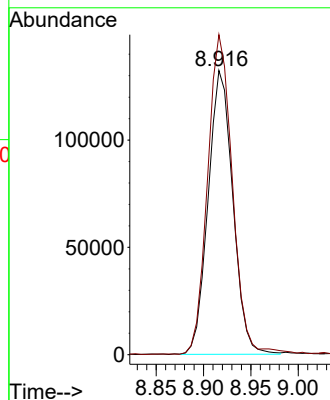
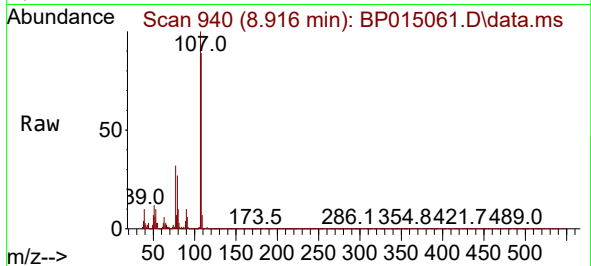




#18
4-Methylphenol
Concen: 9.595 ng/ul
RT: 8.916 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

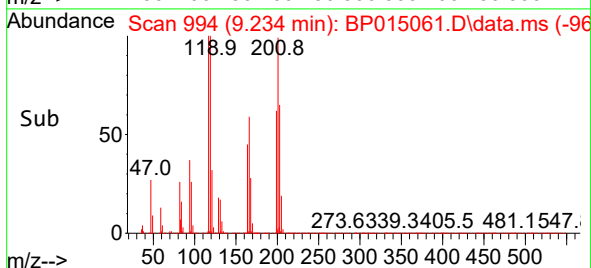
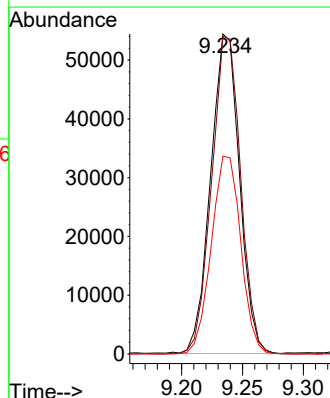
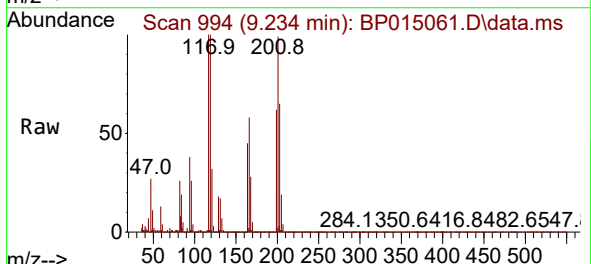
Instrument :
BNA_P
ClientSampleId :
SSTD010612

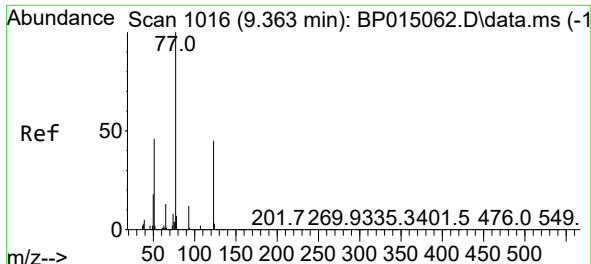
Tgt Ion:108 Resp: 240023
Ion Ratio Lower Upper
108 100
107 112.6 88.5 132.7



#19
Hexachloroethane
Concen: 9.838 ng/ul
RT: 9.234 min Scan# 994
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:117 Resp: 89588
Ion Ratio Lower Upper
117 100
201 99.3 75.8 113.8
199 61.8 46.5 69.7

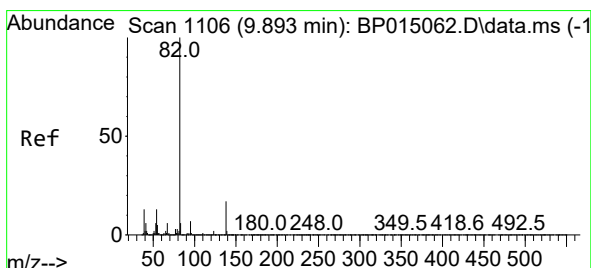
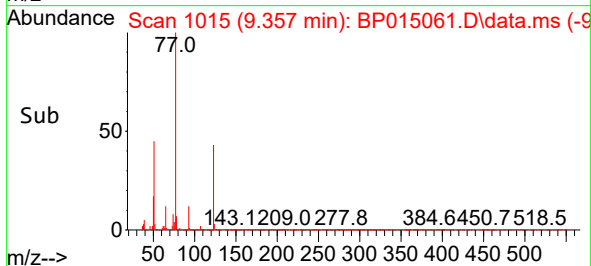
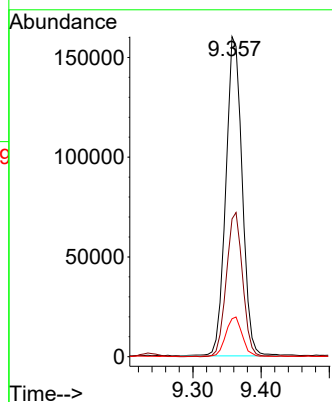
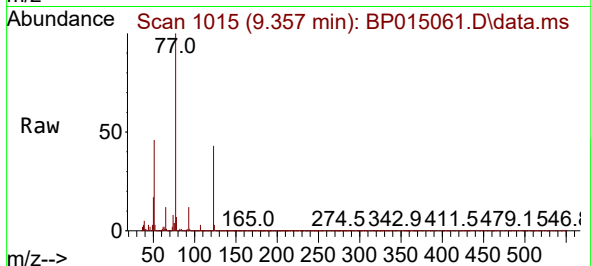




#22
Nitrobenzene
Concen: 9.909 ng/ul
RT: 9.357 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

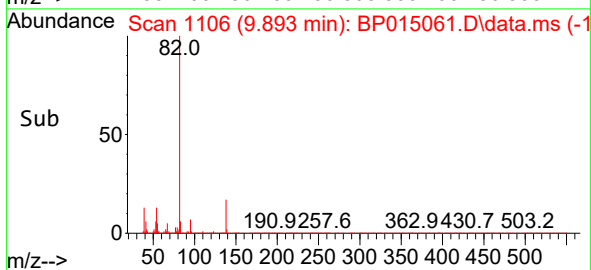
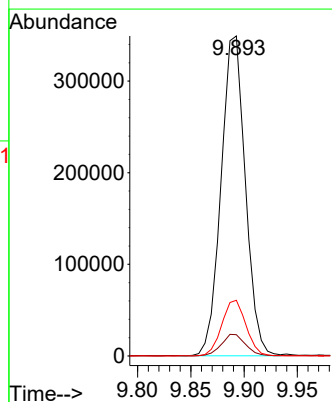
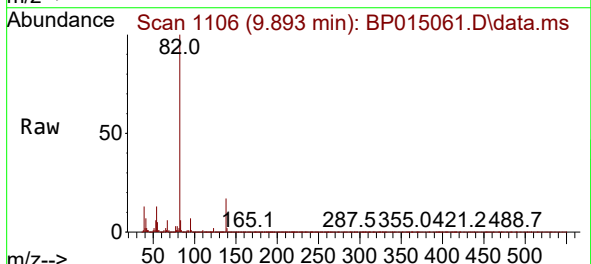
Instrument :
BNA_P
ClientSampleId :
SSTD010612

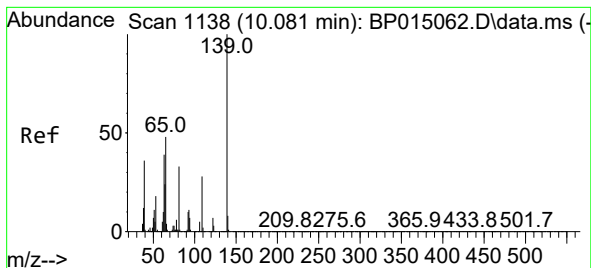
Tgt Ion: 77 Resp: 267491
Ion Ratio Lower Upper
77 100
123 43.1 36.2 54.2
65 11.9 10.1 15.1



#23
Isophorone
Concen: 9.966 ng/ul
RT: 9.893 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion: 82 Resp: 553012
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.4 13.6 20.4

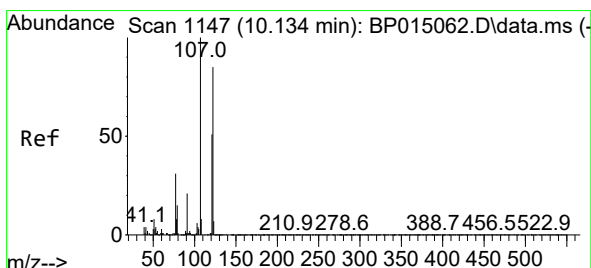
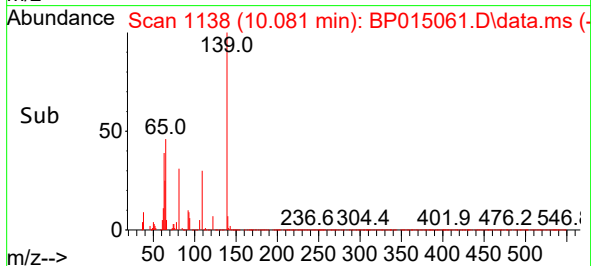
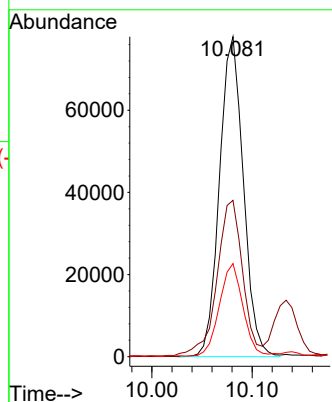
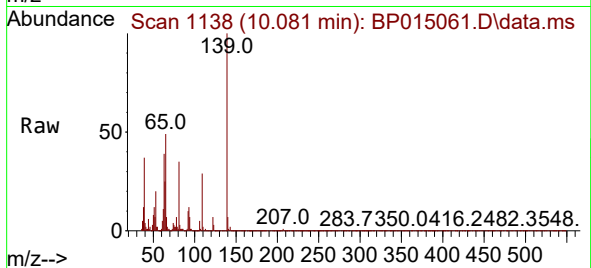




#25
2-Nitrophenol
Concen: 9.649 ng/ul
RT: 10.081 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

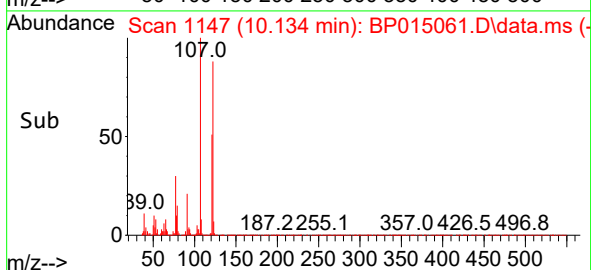
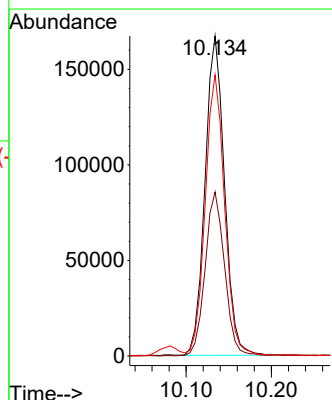
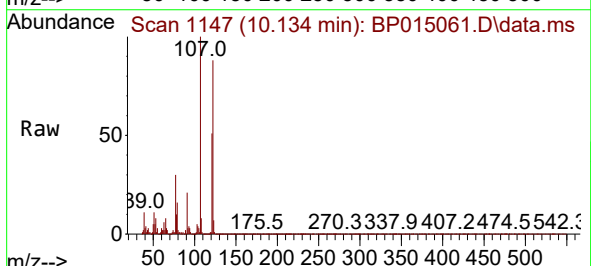
Instrument :
BNA_P
ClientSampleId :
SSTD010612

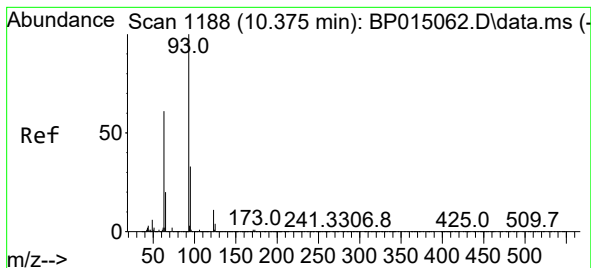
Tgt Ion:139 Resp: 128684
Ion Ratio Lower Upper
139 100
65 48.9 38.4 57.6
109 29.1 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 9.963 ng/ul
RT: 10.134 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:107 Resp: 265138
Ion Ratio Lower Upper
107 100
121 51.2 41.0 61.6
122 87.8 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 10.062 ng/ul

RT: 10.369 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

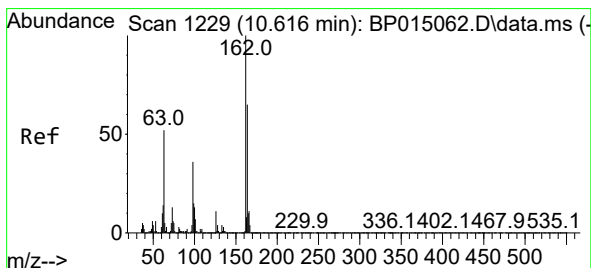
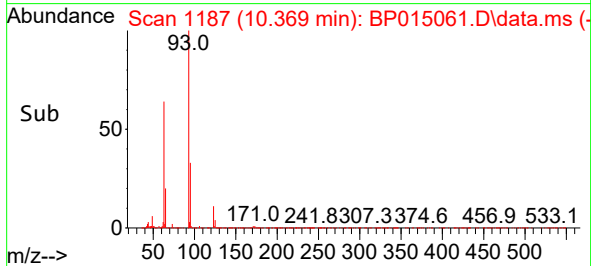
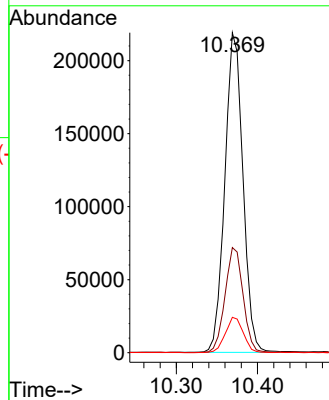
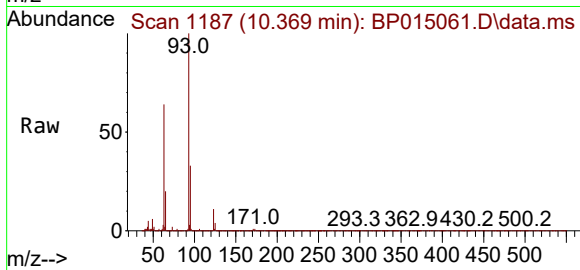
Tgt Ion: 93 Resp: 339713

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

123 11.0 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 9.820 ng/ul

RT: 10.616 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

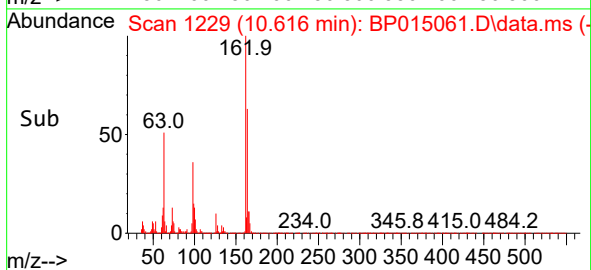
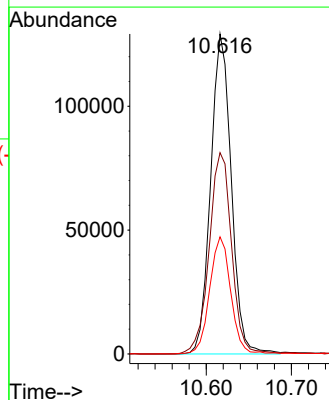
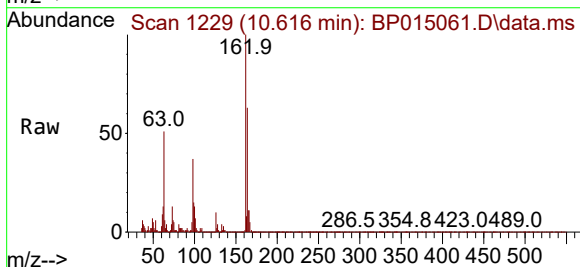
Tgt Ion:162 Resp: 217689

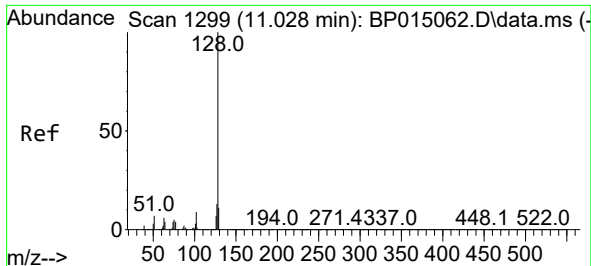
Ion Ratio Lower Upper

162 100

164 62.9 52.0 78.0

98 36.6 28.9 43.3

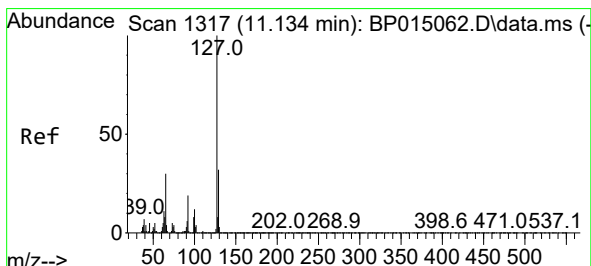
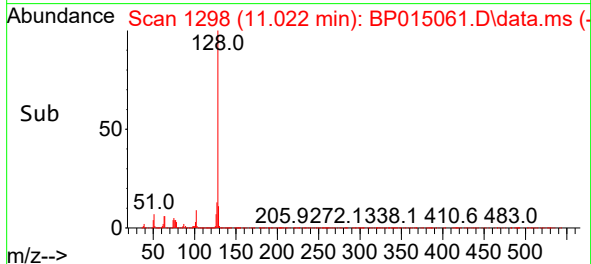
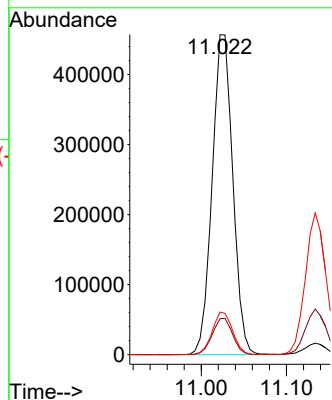
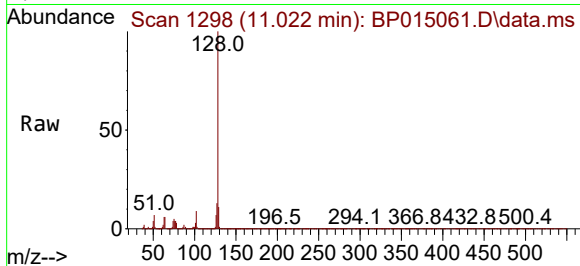




#30
Naphthalene
Concen: 10.167 ng/ul
RT: 11.022 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

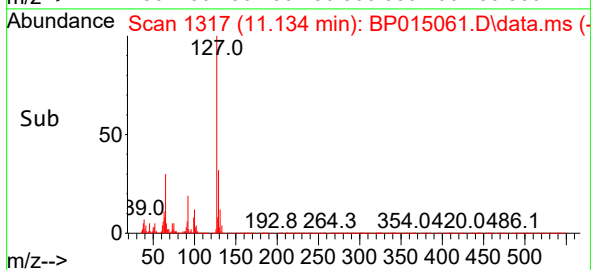
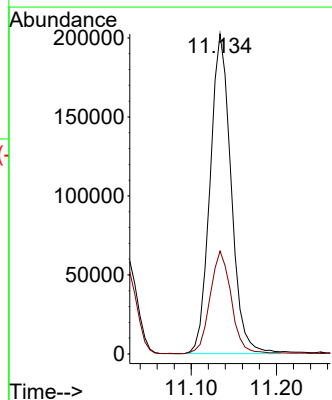
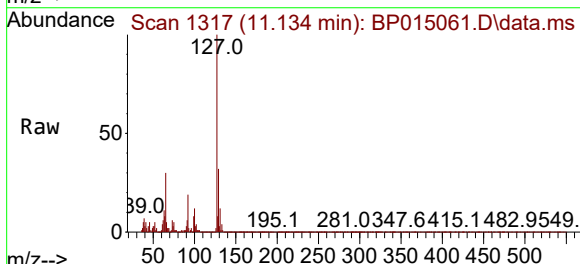
Instrument :
BNA_P
ClientSampleId :
SSTD010612

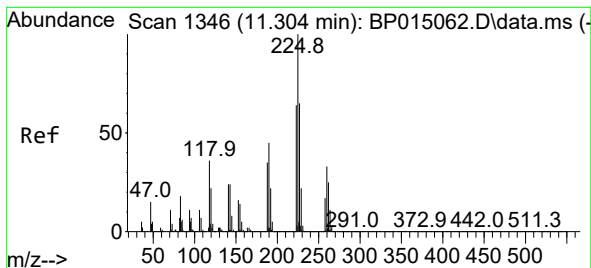
Tgt Ion:128 Resp: 768870
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8



#32
4-Chloroaniline
Concen: 10.387 ng/ul
RT: 11.134 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:127 Resp: 346659
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8





#33

Hexachlorobutadiene

Concen: 10.020 ng/ul

RT: 11.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

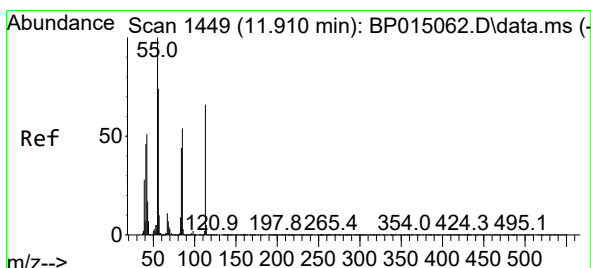
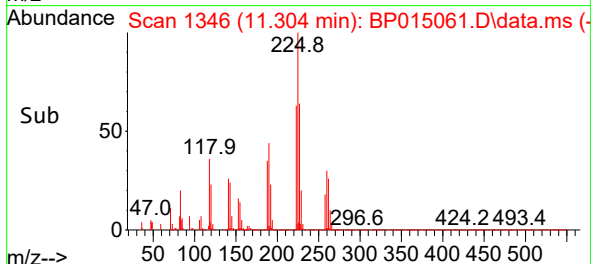
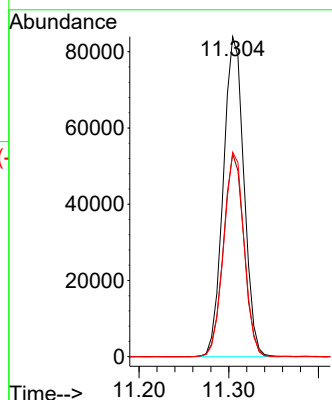
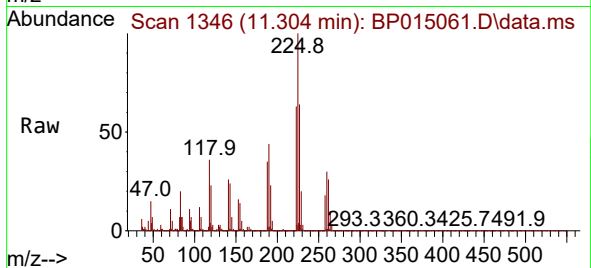
Tgt Ion:225 Resp: 133873

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

227 63.9 52.2 78.4



#34

Caprolactam

Concen: 9.738 ng/ul

RT: 11.904 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

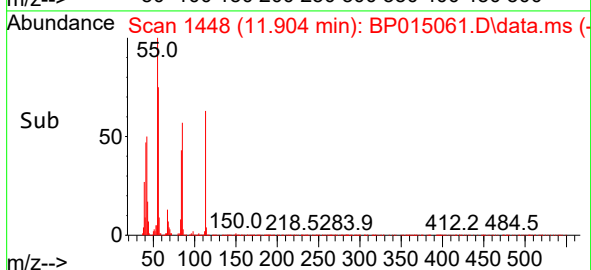
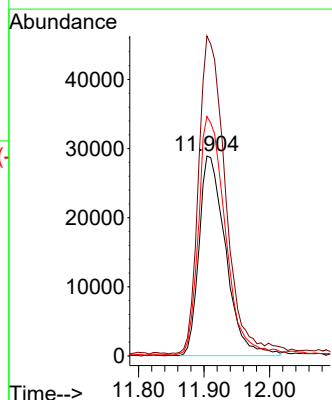
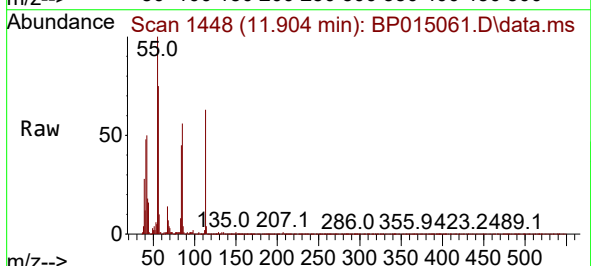
Tgt Ion:113 Resp: 81378

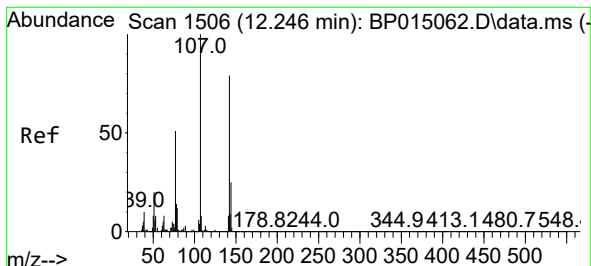
Ion Ratio Lower Upper

113 100

55 160.0 121.2 181.8

56 119.8 90.2 135.4

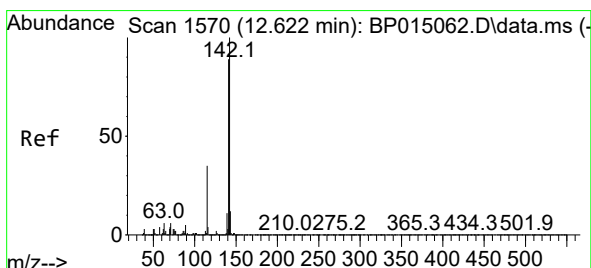
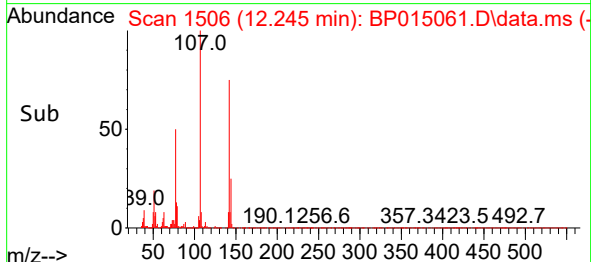
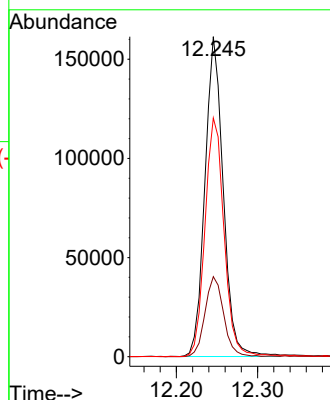
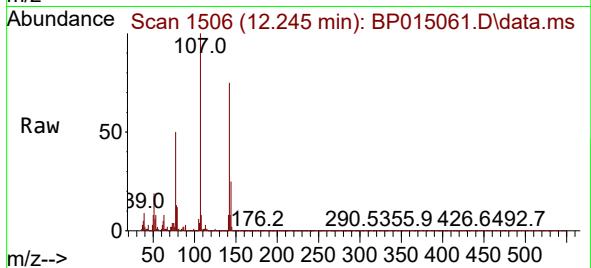




#35
4-Chloro-3-methylphenol
Concen: 10.090 ng/ul
RT: 12.245 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

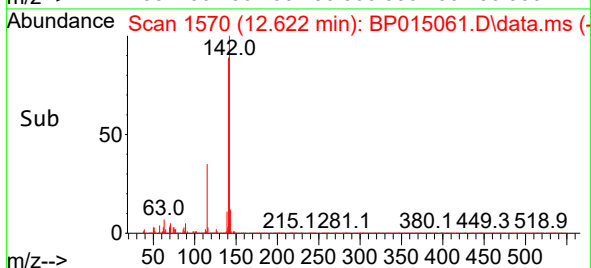
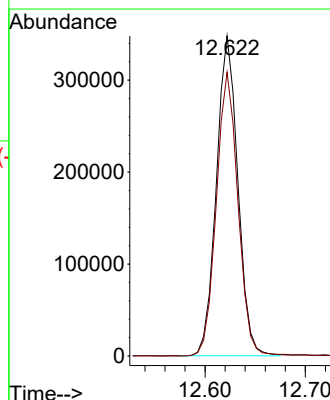
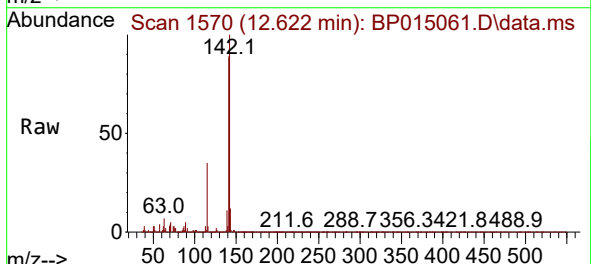
Instrument :
BNA_P
ClientSampleId :
SSTD010612

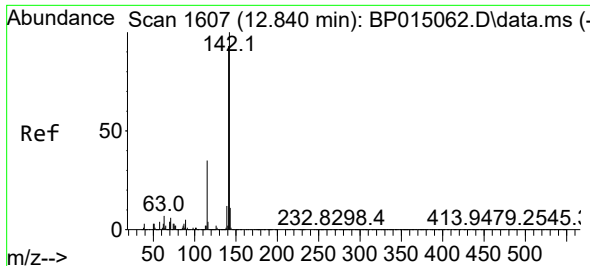
Tgt Ion:107 Resp: 252565
Ion Ratio Lower Upper
107 100
144 25.0 20.3 30.5
142 74.6 63.2 94.8



#36
2-Methylnaphthalene
Concen: 10.141 ng/ul
RT: 12.622 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:142 Resp: 516703
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6





#37

1-Methylnaphthalene

Concen: 10.174 ng/ul

RT: 12.840 min Scan# 1607

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

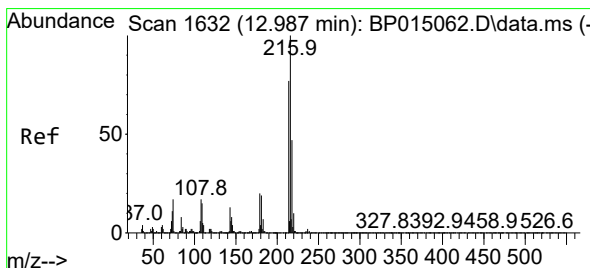
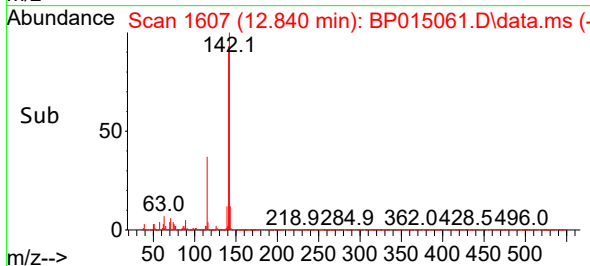
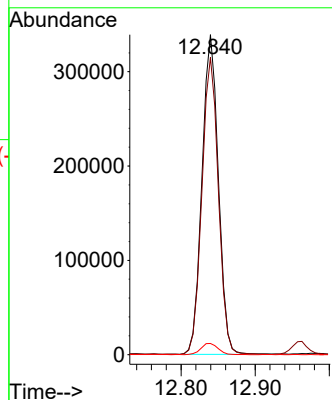
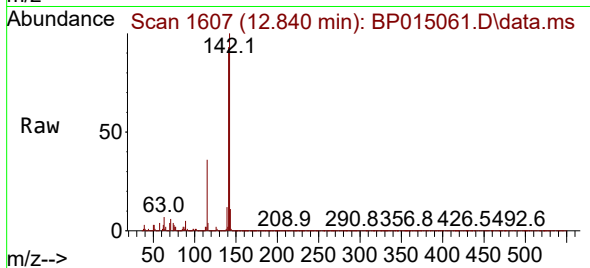
Tgt Ion:142 Resp: 520606

Ion Ratio Lower Upper

142 100

141 92.9 74.6 112.0

116 3.5 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.878 ng/ul

RT: 12.987 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Tgt Ion:216 Resp: 266741

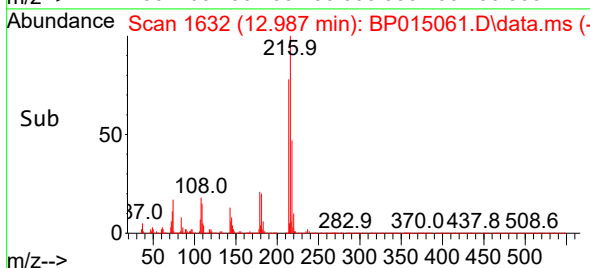
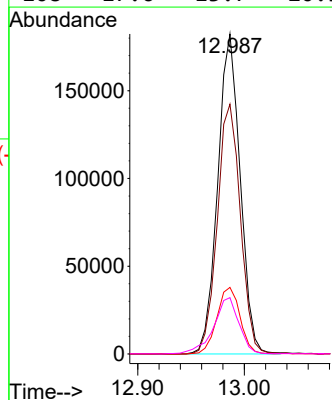
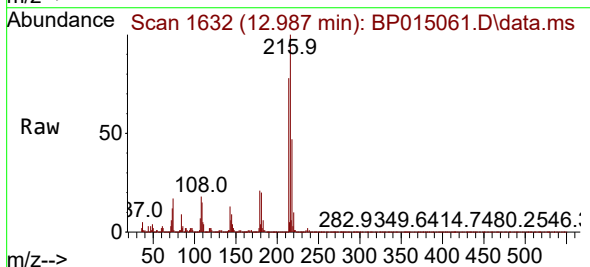
Ion Ratio Lower Upper

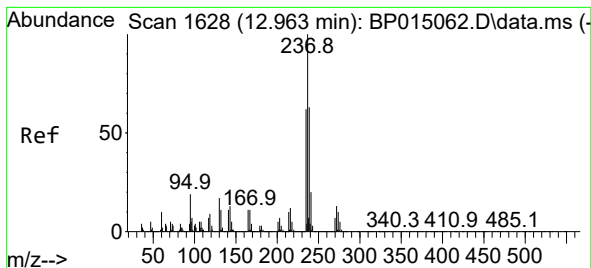
216 100

214 78.0 61.4 92.0

179 20.8 15.9 23.9

108 17.6 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 8.675 ng/ul

RT: 12.963 min Scan# 1628

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

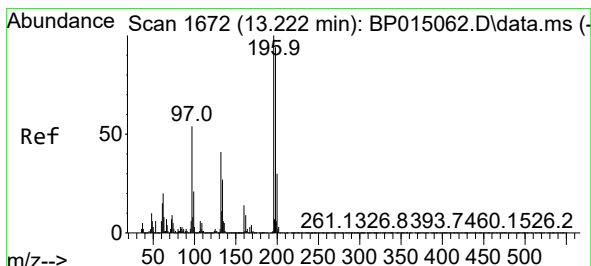
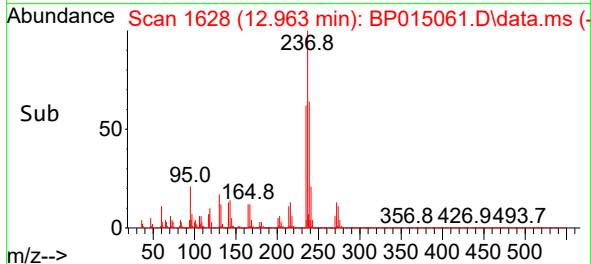
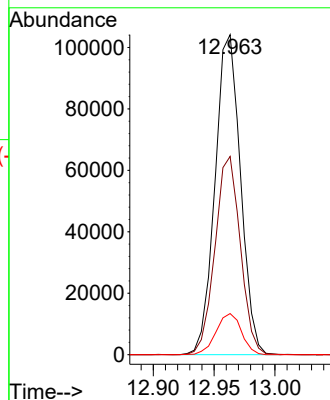
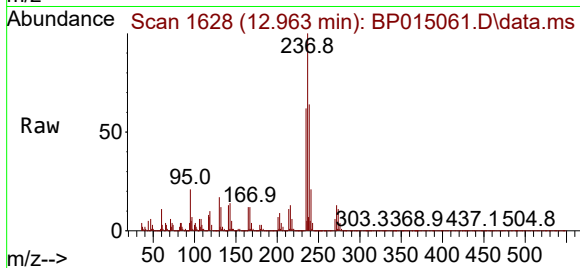
Tgt Ion:237 Resp: 151786

Ion Ratio Lower Upper

237 100

235 62.0 49.4 74.0

272 12.9 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 9.606 ng/ul

RT: 13.222 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

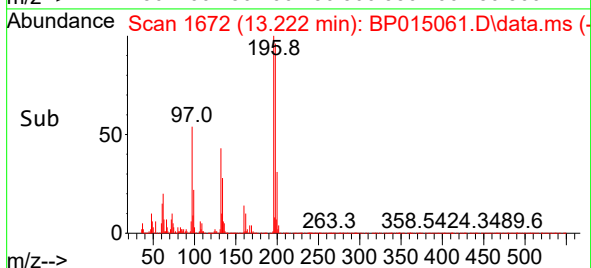
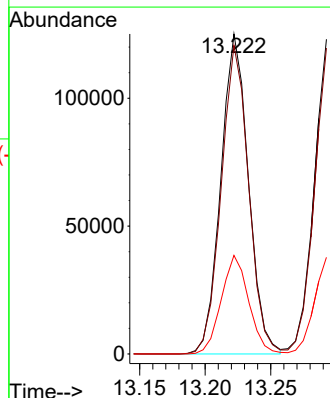
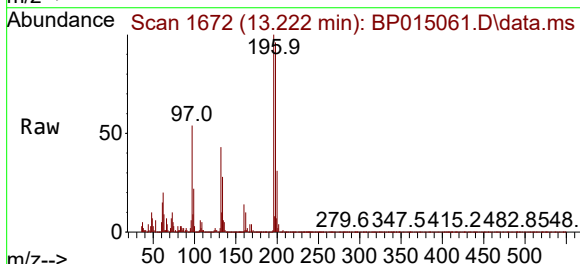
Tgt Ion:196 Resp: 183159

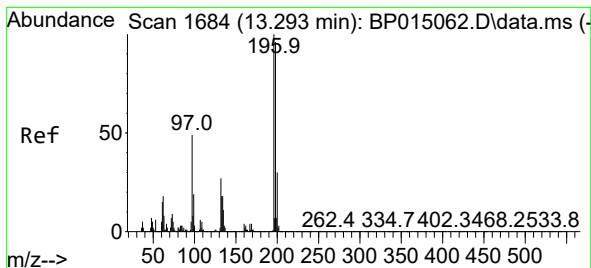
Ion Ratio Lower Upper

196 100

198 96.4 75.5 113.3

200 30.8 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 9.567 ng/ul

RT: 13.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

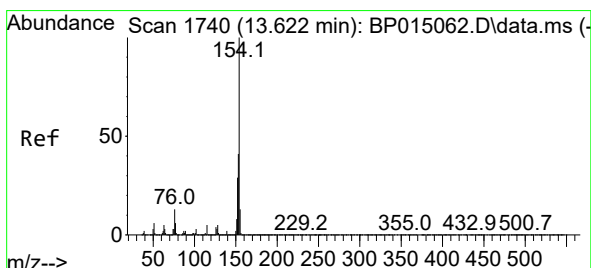
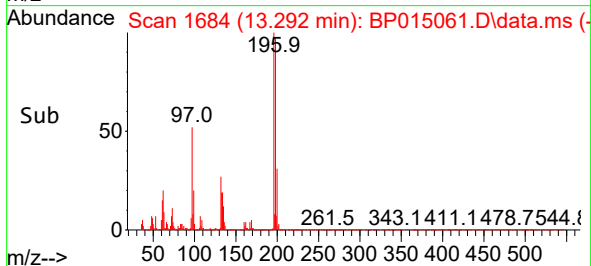
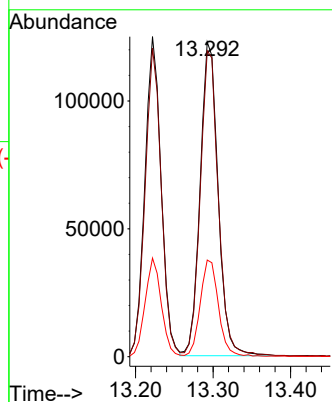
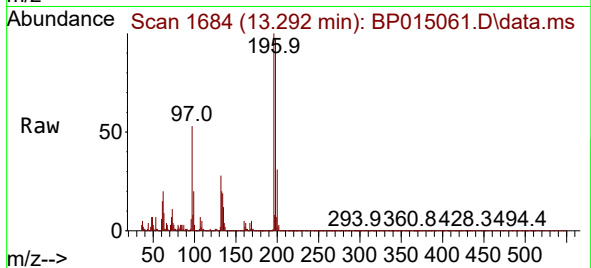
Tgt Ion:196 Resp: 197789

Ion Ratio Lower Upper

196 100

198 97.2 77.0 115.4

200 30.7 24.3 36.5



#43

1,1'-Biphenyl

Concen: 10.216 ng/ul

RT: 13.622 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

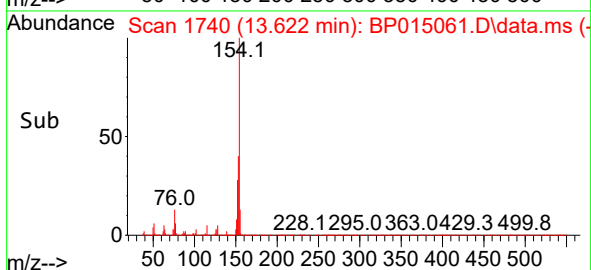
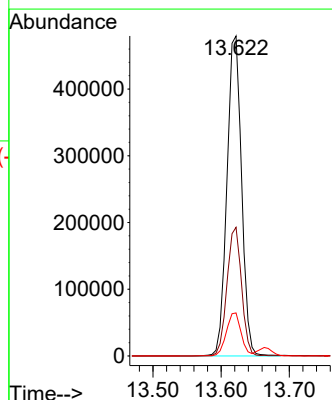
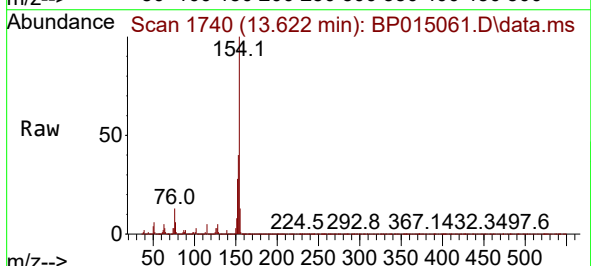
Tgt Ion:154 Resp: 715652

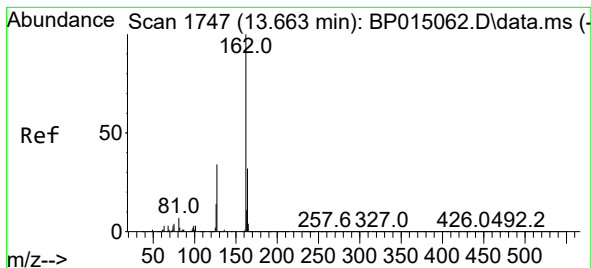
Ion Ratio Lower Upper

154 100

153 40.2 32.7 49.1

76 13.5 10.7 16.1

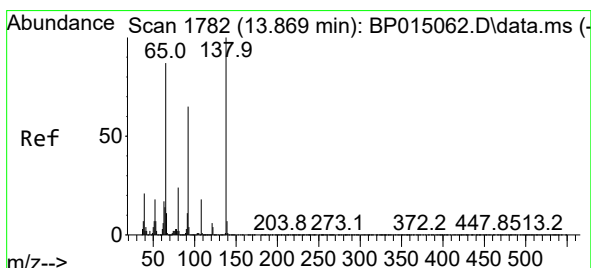
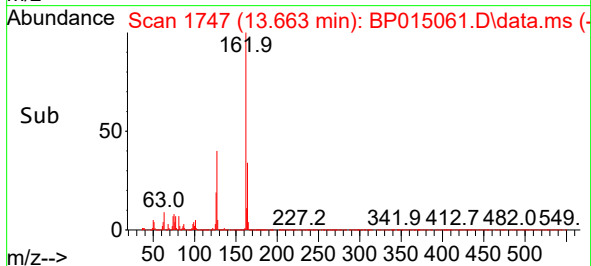
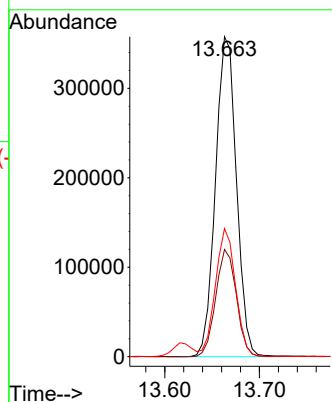
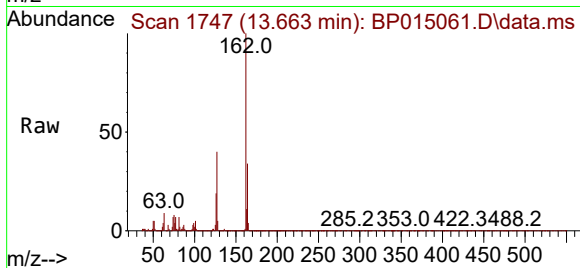




#44
2-Chloronaphthalene
Concen: 10.075 ng/ul
RT: 13.663 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

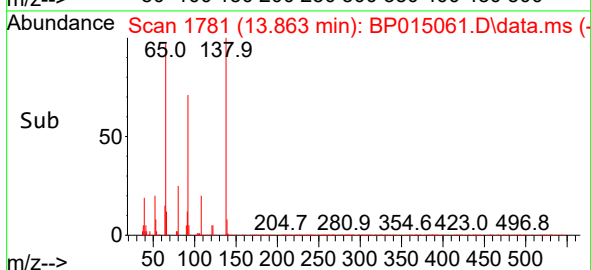
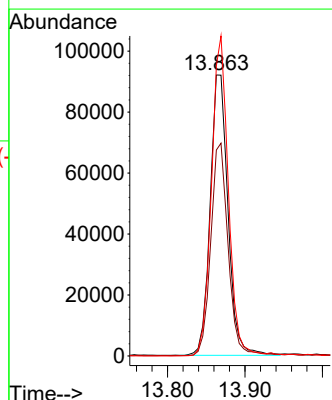
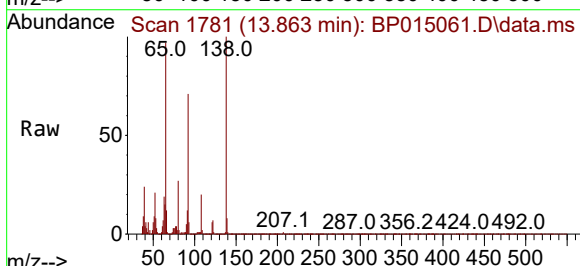
Instrument :
BNA_P
ClientSampleId :
SSTD010612

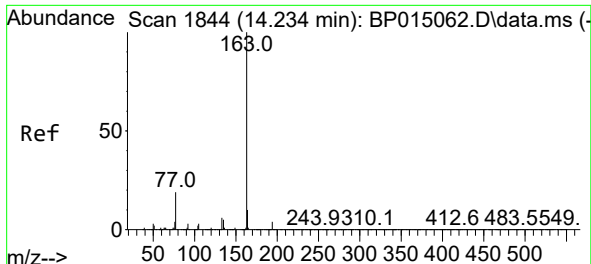
Tgt Ion:162 Resp: 551193
Ion Ratio Lower Upper
162 100
164 33.5 25.9 38.9
127 40.1 30.8 46.2



#45
2-Nitroaniline
Concen: 9.393 ng/ul
RT: 13.863 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion: 65 Resp: 147033
Ion Ratio Lower Upper
65 100
92 73.3 59.8 89.8
138 103.3 92.3 138.5

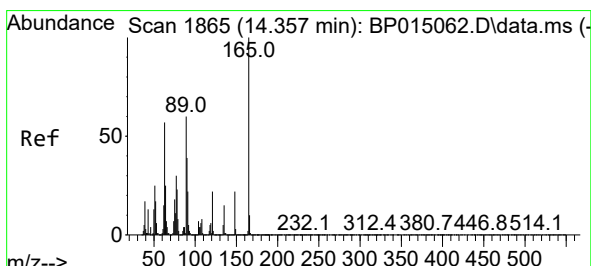
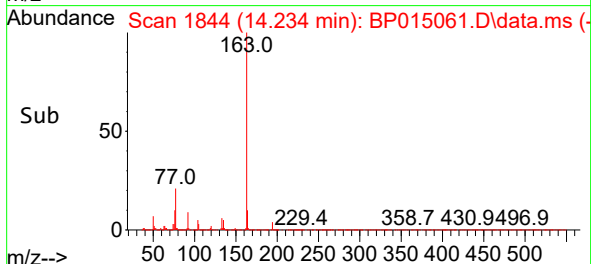
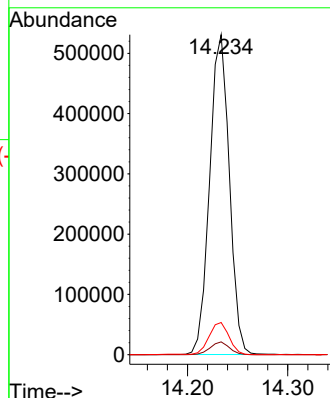
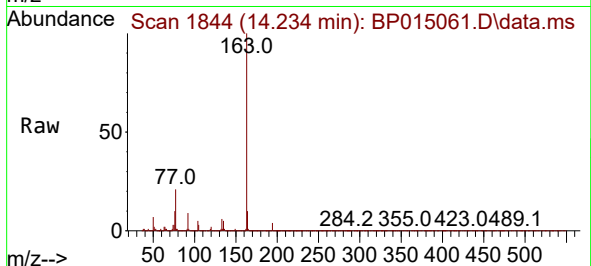




#47
Dimethylphthalate
Concen: 10.155 ng/ul
RT: 14.234 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

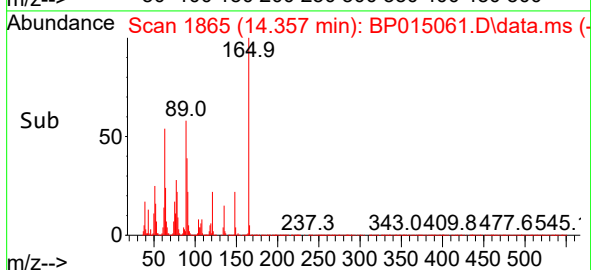
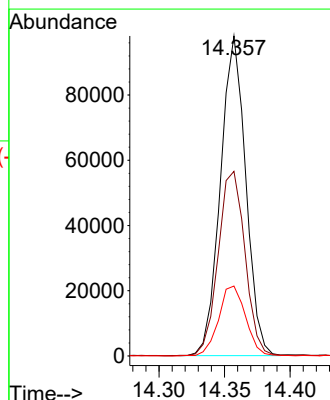
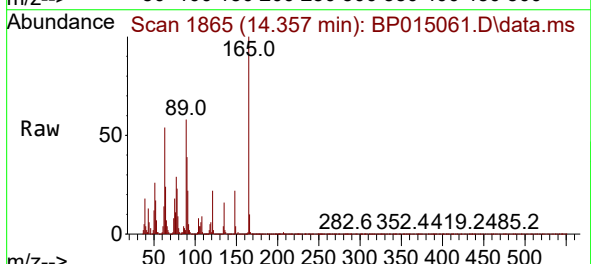
Instrument :
BNA_P
ClientSampleId :
SSTD010612

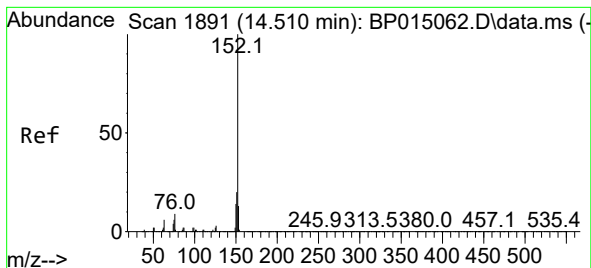
Tgt Ion:163 Resp: 721532
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 9.336 ng/ul
RT: 14.357 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:165 Resp: 131427
Ion Ratio Lower Upper
165 100
89 57.7 48.0 72.0
121 21.9 17.5 26.3





#50

Acenaphthylene

Concen: 10.179 ng/ul

RT: 14.510 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

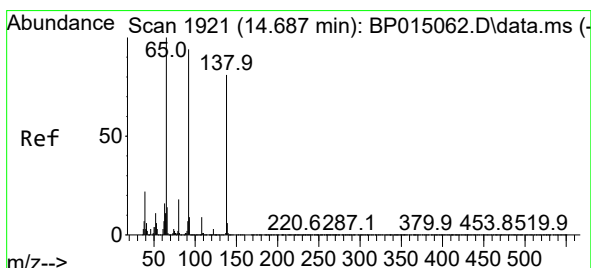
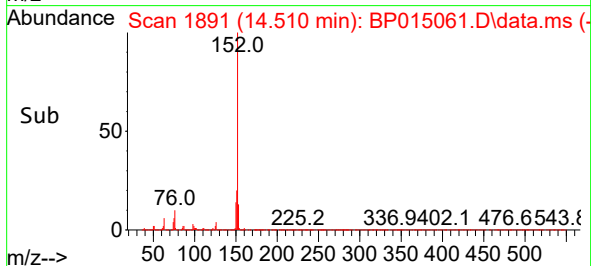
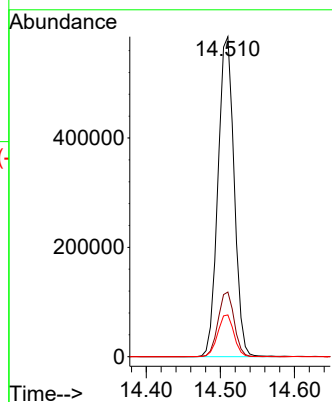
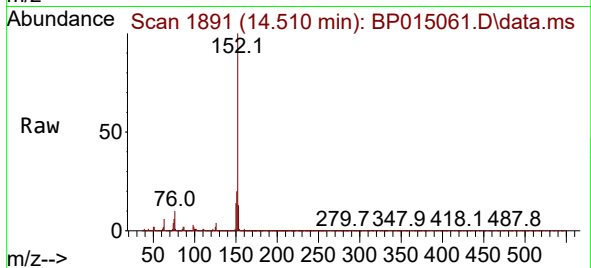
Tgt Ion:152 Resp: 886268

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.0 10.3 15.5



#51

3-Nitroaniline

Concen: 7.705 ng/ul

RT: 14.687 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

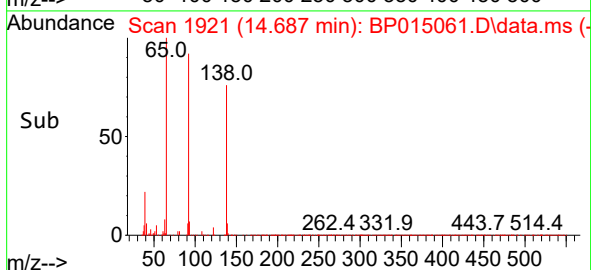
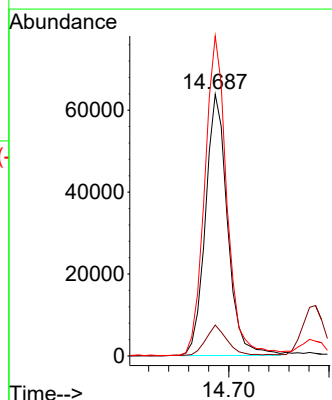
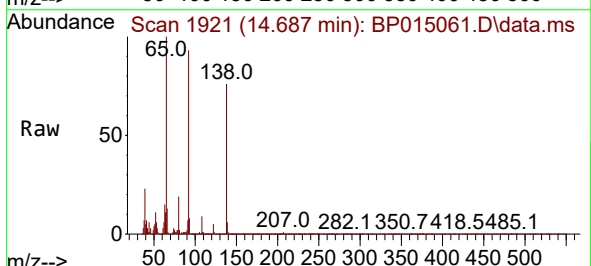
Tgt Ion:138 Resp: 97672

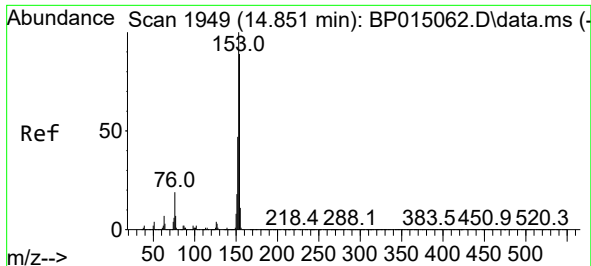
Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

92 122.2 93.4 140.0

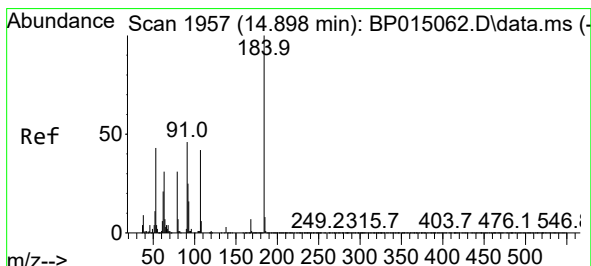
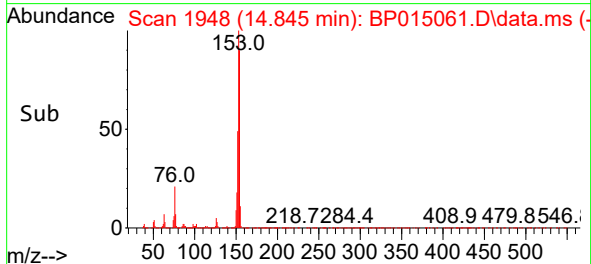
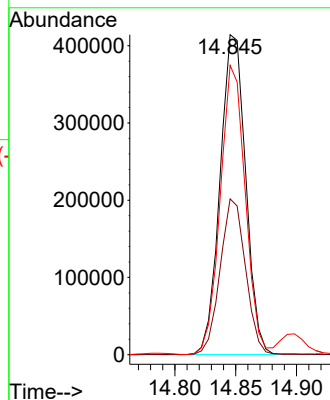
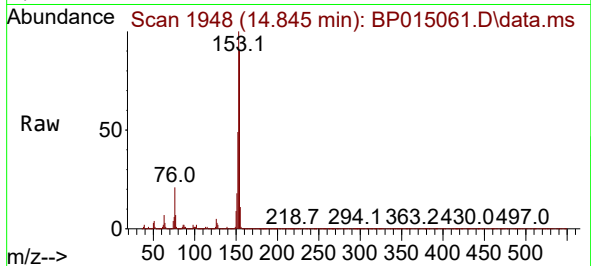




#52
Acenaphthene
Concen: 10.202 ng/ul
RT: 14.845 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

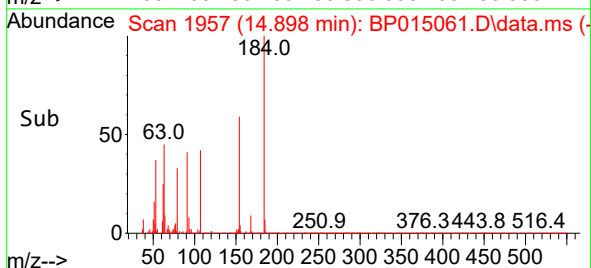
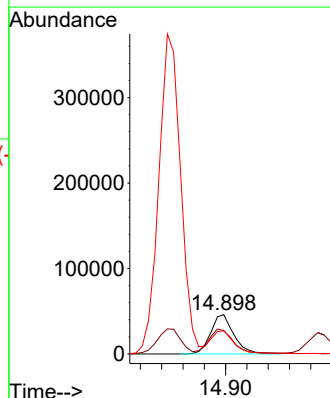
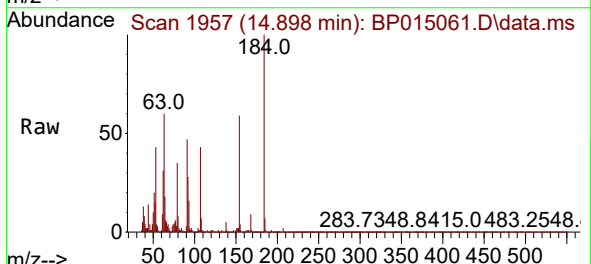
Instrument :
BNA_P
ClientSampleId :
SSTD010612

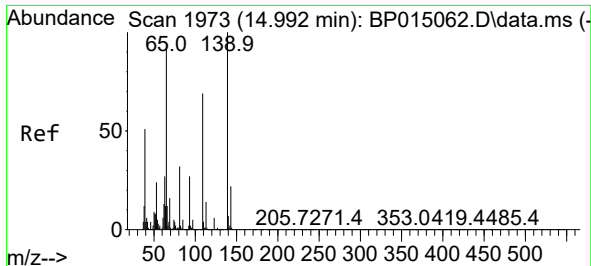
Tgt Ion:153 Resp: 606662
Ion Ratio Lower Upper
153 100
152 48.7 38.0 57.0
154 90.4 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 7.461 ng/ul
RT: 14.898 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:184 Resp: 69739
Ion Ratio Lower Upper
184 100
63 59.8 49.7 74.5
154 58.7 47.5 71.3

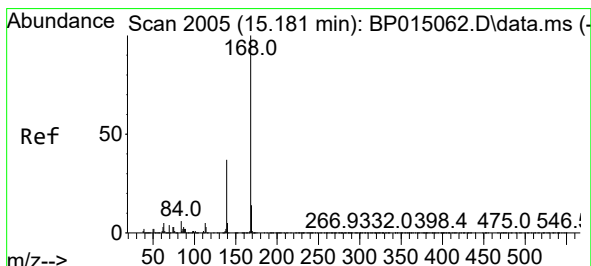
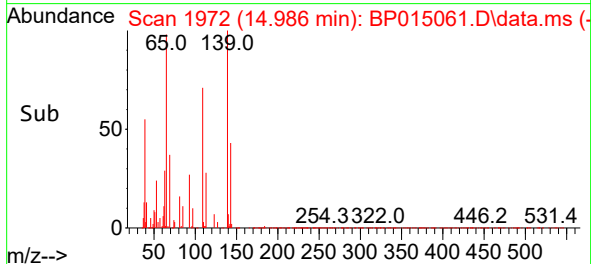
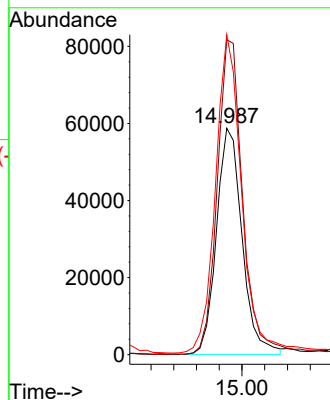
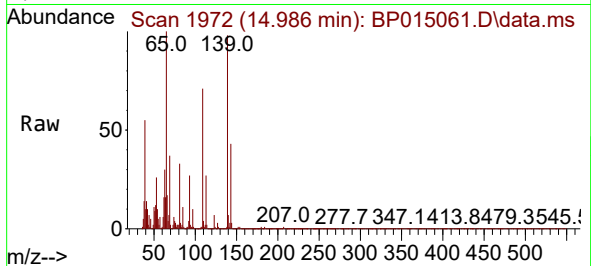




#55
4-Nitrophenol
Concen: 9.417 ng/ul
RT: 14.986 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

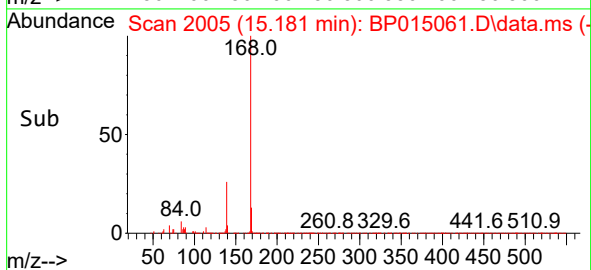
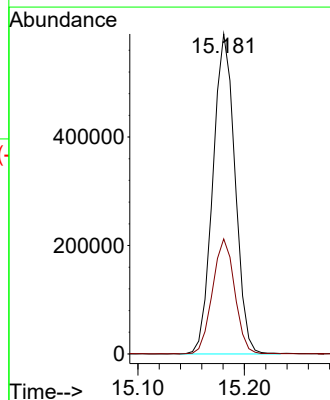
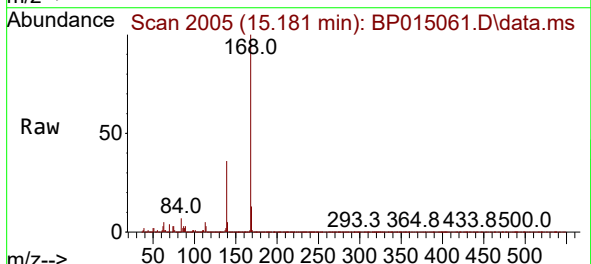
Instrument :
BNA_P
ClientSampleId :
SSTD010612

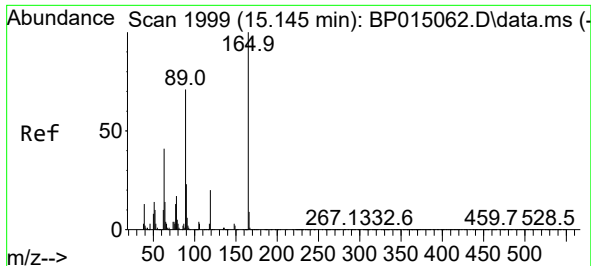
Tgt Ion:109 Resp: 91766
Ion Ratio Lower Upper
109 100
139 139.1 115.3 172.9
65 141.3 107.9 161.9



#56
Dibenzofuran
Concen: 10.284 ng/ul
RT: 15.181 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:168 Resp: 850616
Ion Ratio Lower Upper
168 100
139 35.9 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 9.577 ng/ul

RT: 15.145 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

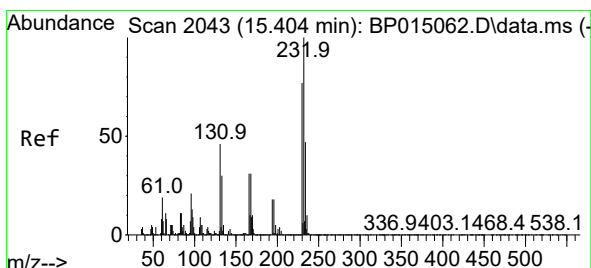
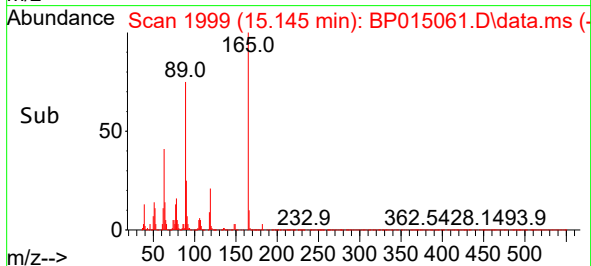
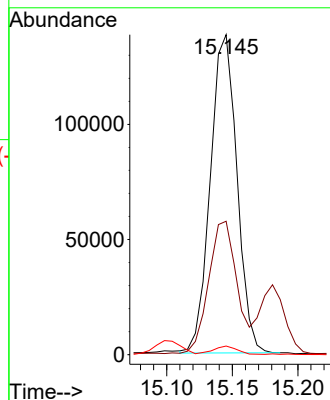
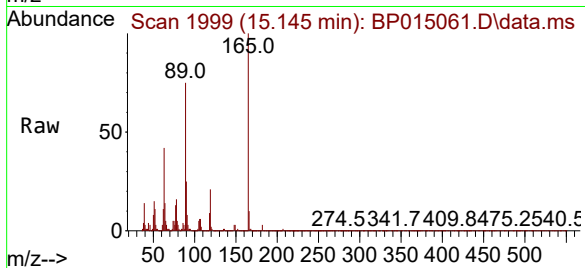
Tgt Ion:165 Resp: 195074

Ion Ratio Lower Upper

165 100

63 41.7 33.1 49.7

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.823 ng/ul

RT: 15.404 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Tgt Ion:232 Resp: 171393

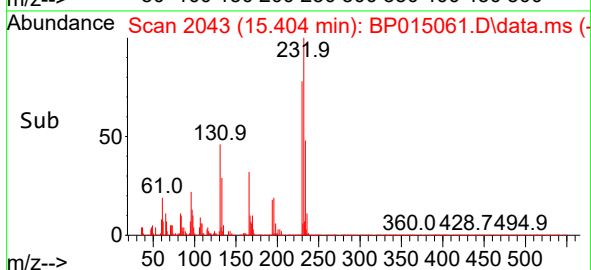
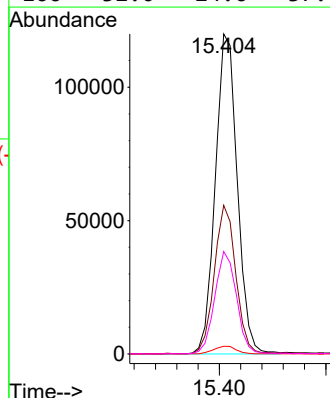
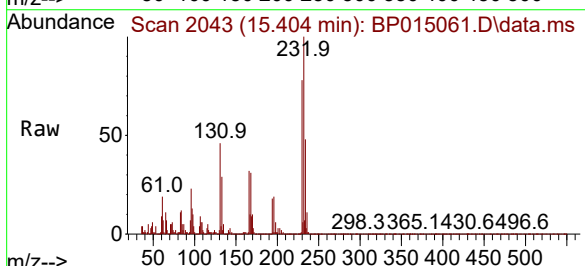
Ion Ratio Lower Upper

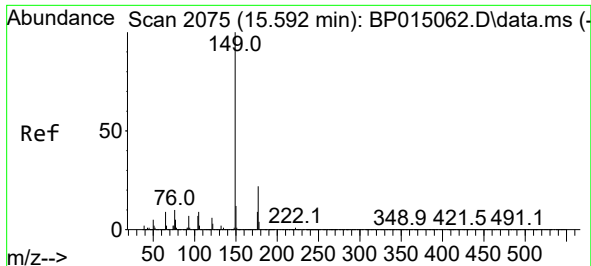
232 100

131 46.5 36.8 55.2

130 2.4 1.9 2.9

166 32.0 24.6 37.0

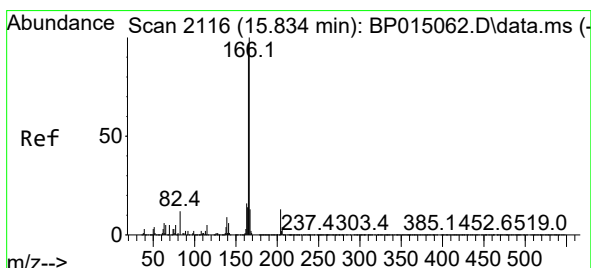
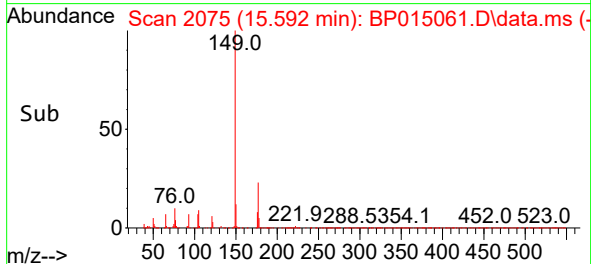
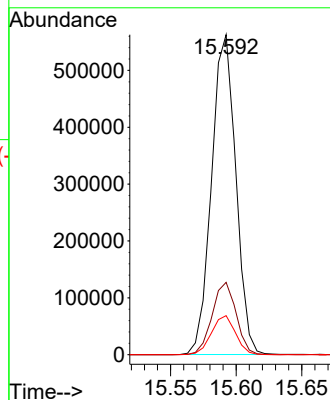
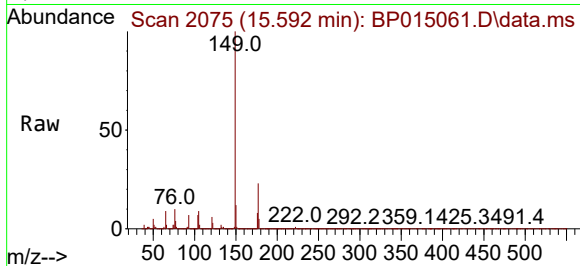




#59
Diethylphthalate
Concen: 10.210 ng/ul
RT: 15.592 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

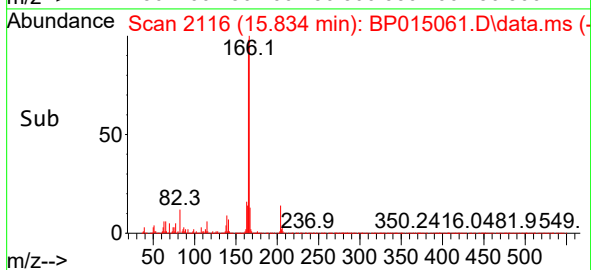
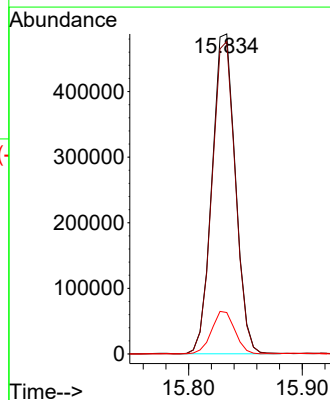
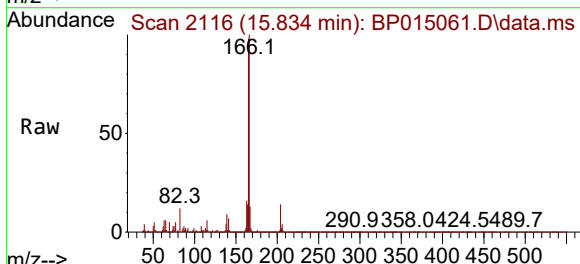
Instrument :
BNA_P
ClientSampleId :
SSTD010612

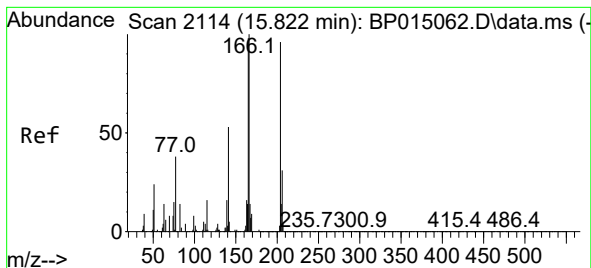
Tgt Ion:149 Resp: 723557
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.2 9.8 14.8



#61
Fluorene
Concen: 10.493 ng/ul
RT: 15.834 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:166 Resp: 697486
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 13.0 10.6 15.8

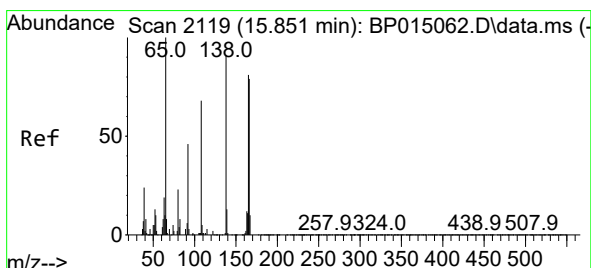
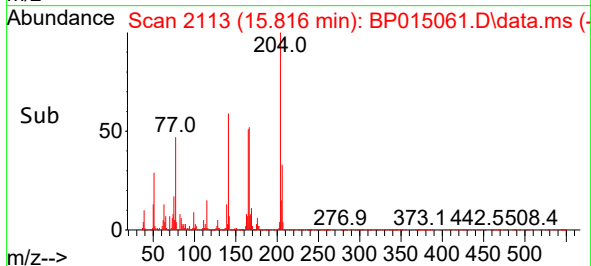
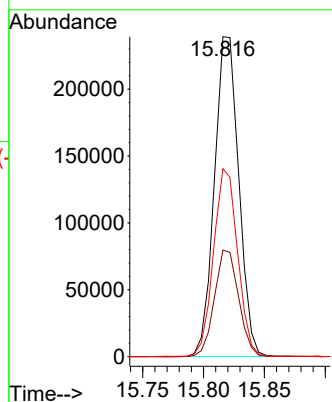
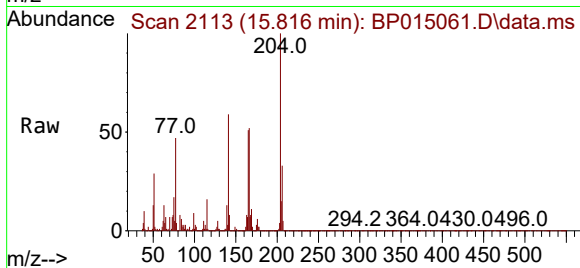




#62
4-Chlorophenyl-phenylether
Concen: 10.259 ng/ul
RT: 15.816 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

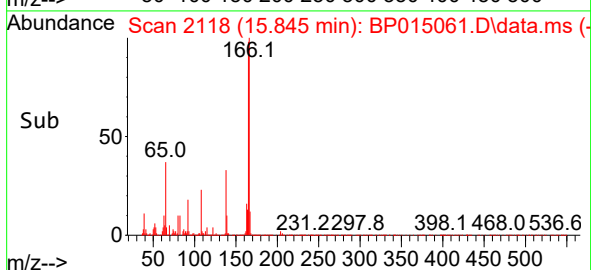
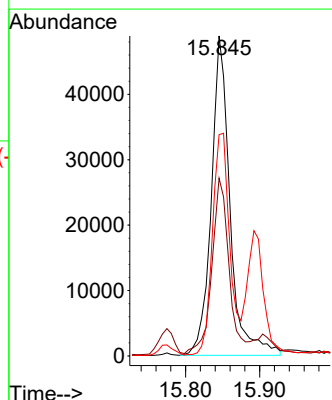
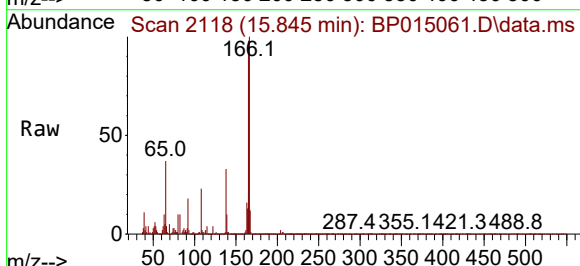
Instrument :
BNA_P
ClientSampleId :
SSTD010612

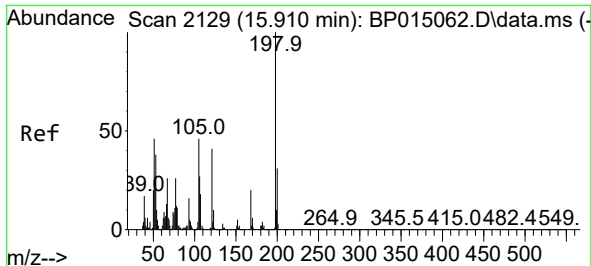
Tgt Ion:204 Resp: 333200
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 58.7 44.5 66.7



#63
4-Nitroaniline
Concen: 7.824 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:138 Resp: 85641
Ion Ratio Lower Upper
138 100
92 55.6 41.2 61.8
108 69.2 60.1 90.1

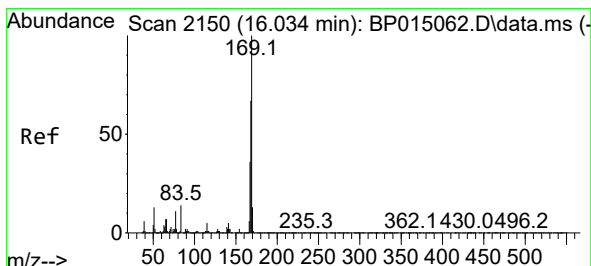
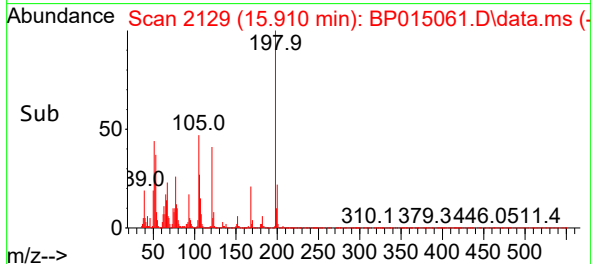
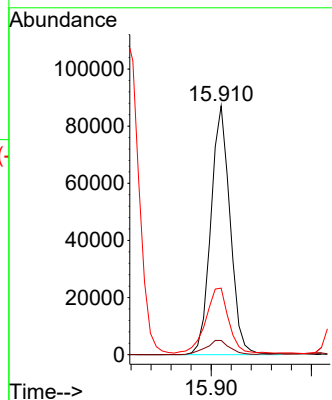
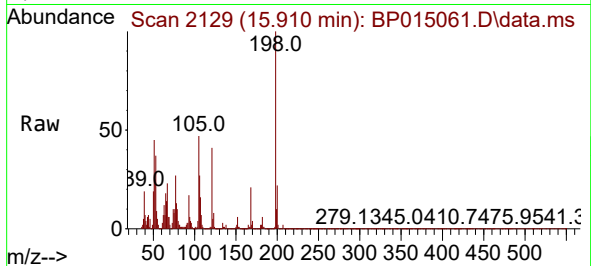




#66
4,6-Dinitro-2-methylphenol
Concen: 9.069 ng/ul
RT: 15.910 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

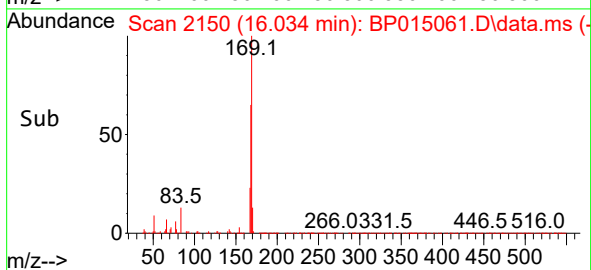
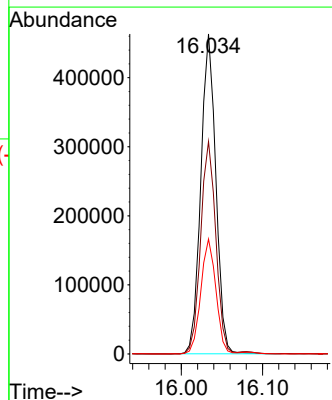
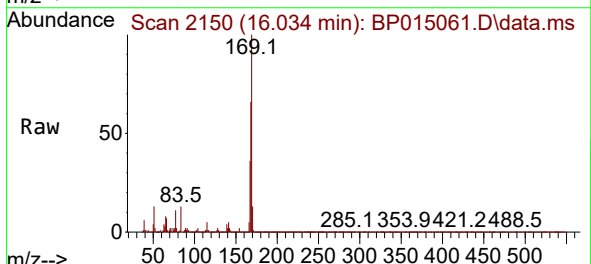
Instrument :
BNA_P
ClientSampleId :
SSTD010612

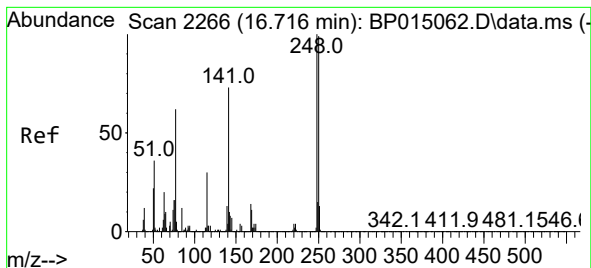
Tgt Ion:198 Resp: 116252
Ion Ratio Lower Upper
198 100
182 5.8 3.7 5.5#
77 26.8 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 10.268 ng/ul
RT: 16.034 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:169 Resp: 595044
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 35.9 28.9 43.3

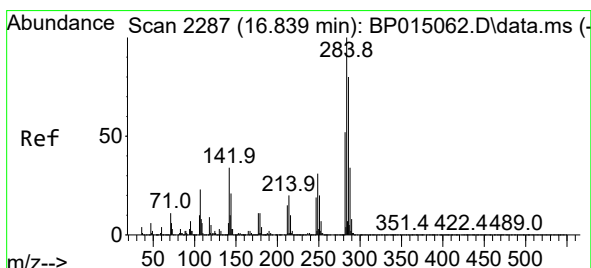
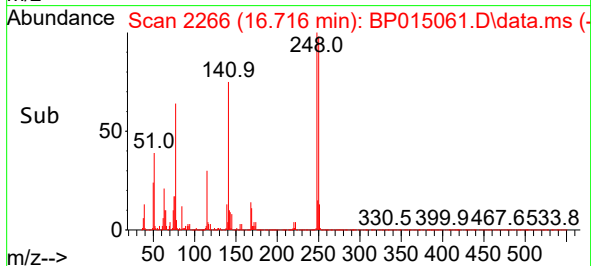
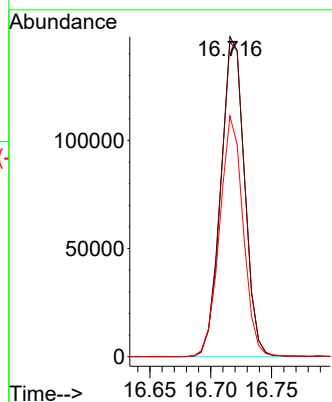
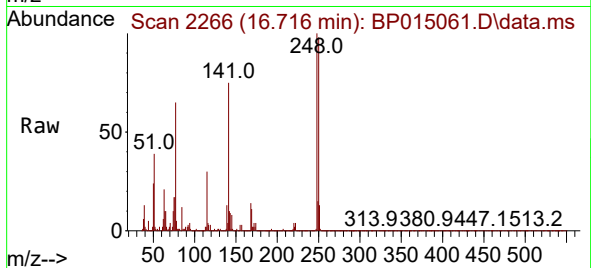




#68
4-Bromophenyl-phenylether
Concen: 9.886 ng/ul
RT: 16.716 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

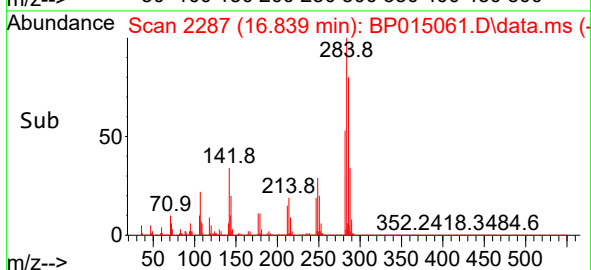
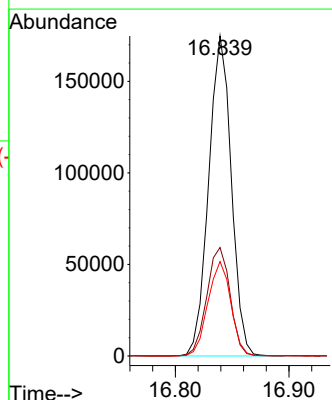
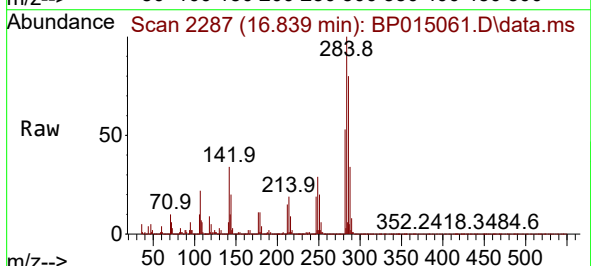
Instrument :
BNA_P
ClientSampleId :
SSTD010612

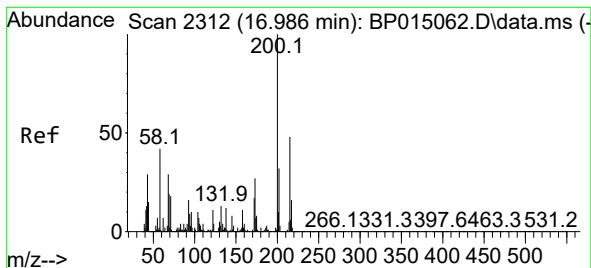
Tgt Ion:248 Resp: 200681
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 75.3 58.6 87.8



#69
Hexachlorobenzene
Concen: 10.094 ng/ul
RT: 16.839 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:284 Resp: 242150
Ion Ratio Lower Upper
284 100
142 33.9 27.3 40.9
249 29.5 24.6 36.8





#70

Atrazine

Concen: 10.047 ng/ul

RT: 16.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

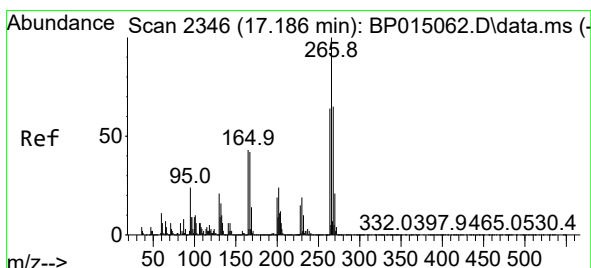
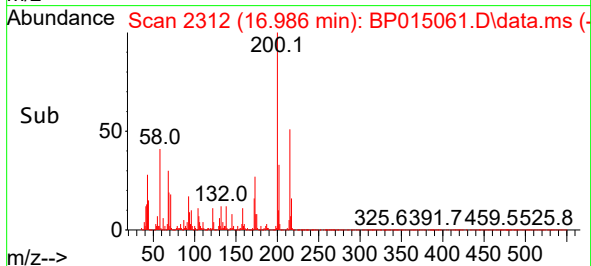
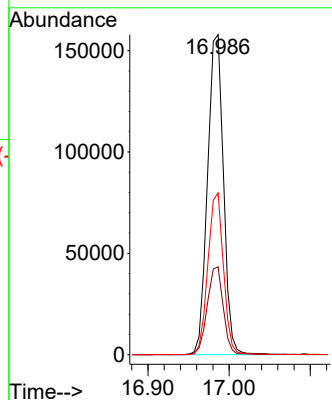
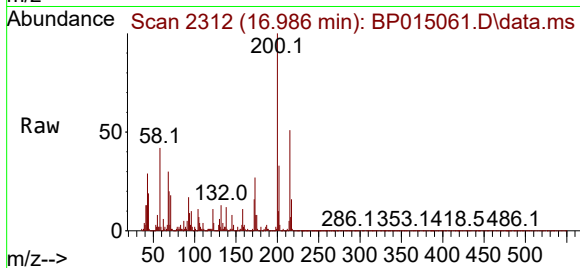
Tgt Ion:200 Resp: 215214

Ion Ratio Lower Upper

200 100

173 27.5 21.4 32.2

215 50.6 38.1 57.1



#71

Pentachlorophenol

Concen: 9.202 ng/ul

RT: 17.186 min Scan# 2346

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

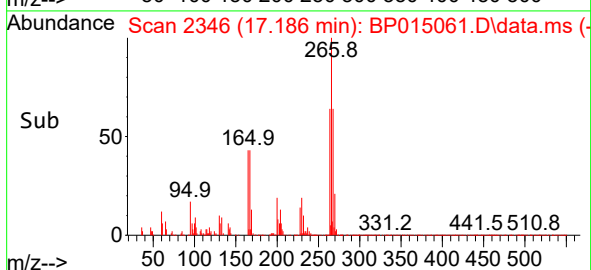
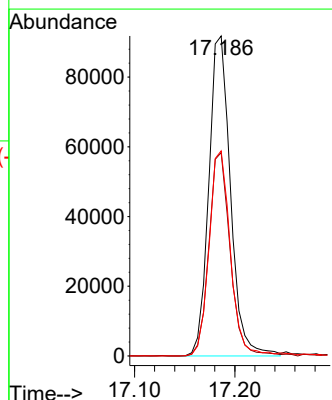
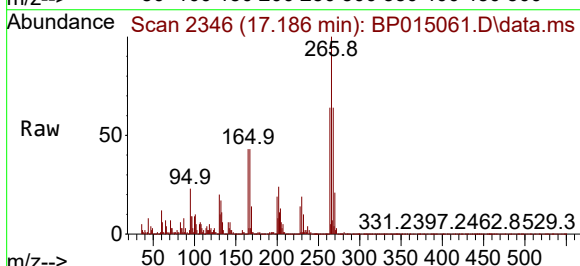
Tgt Ion:266 Resp: 138086

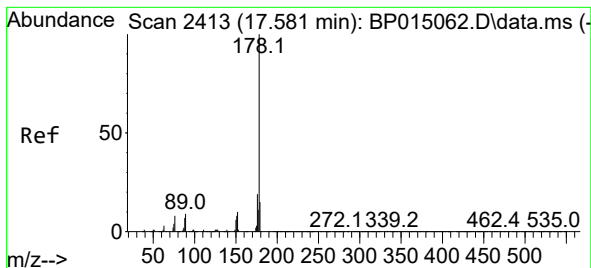
Ion Ratio Lower Upper

266 100

264 63.5 51.0 76.4

268 64.1 51.8 77.6





#72

Phenanthrene

Concen: 10.278 ng/ul

RT: 17.580 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

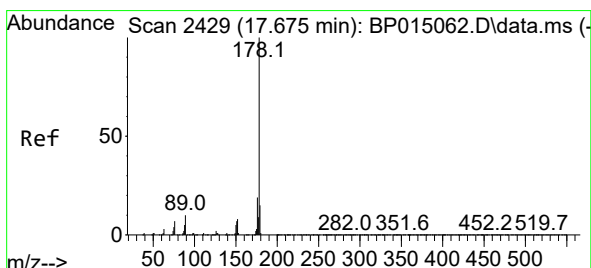
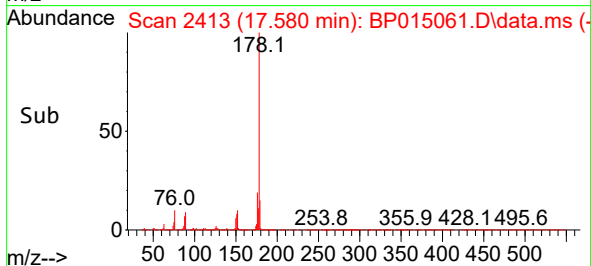
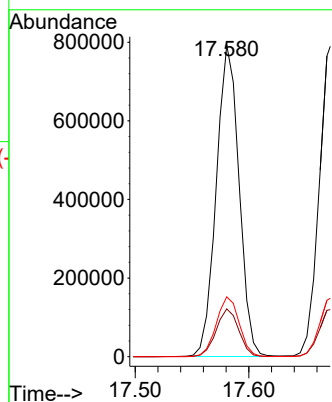
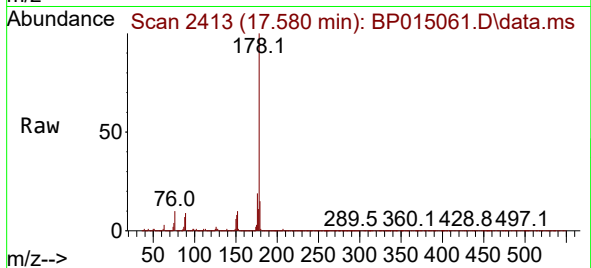
Tgt Ion:178 Resp: 1103062

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.2 15.6 23.4



#74

Anthracene

Concen: 10.303 ng/ul

RT: 17.675 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

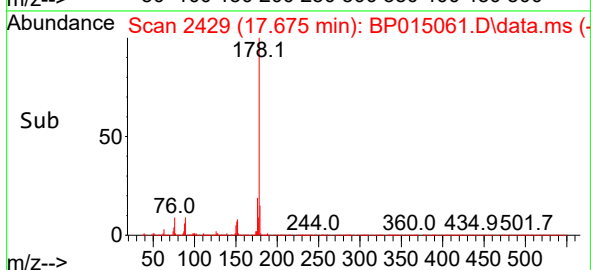
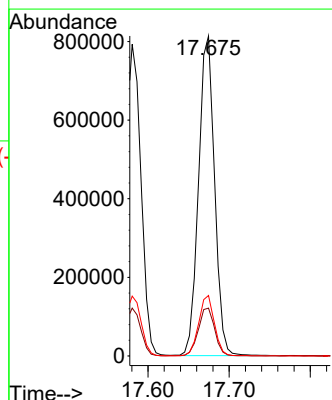
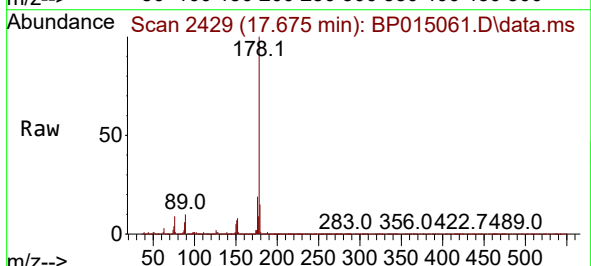
Tgt Ion:178 Resp: 1118180

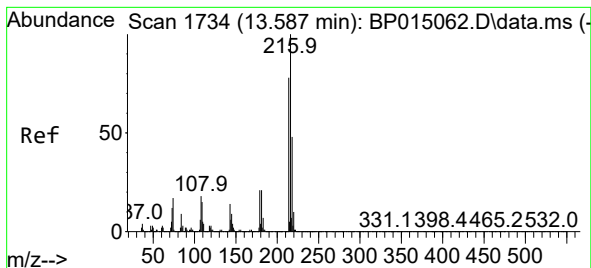
Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

176 18.9 15.2 22.8

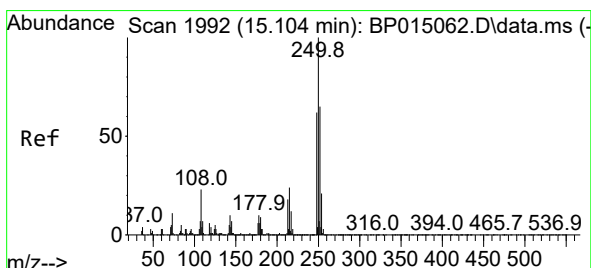
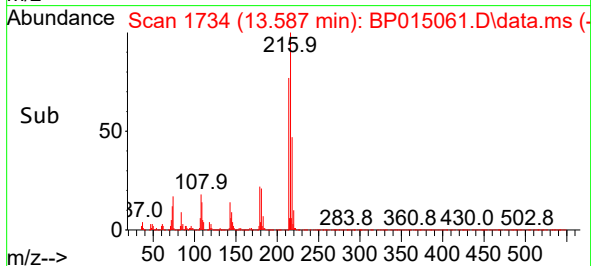
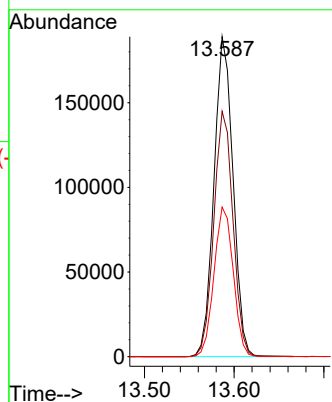
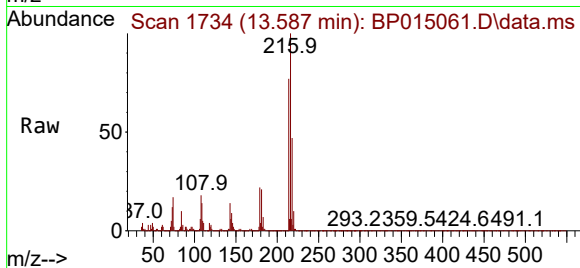




#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.973 ng/uL
RT: 13.587 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

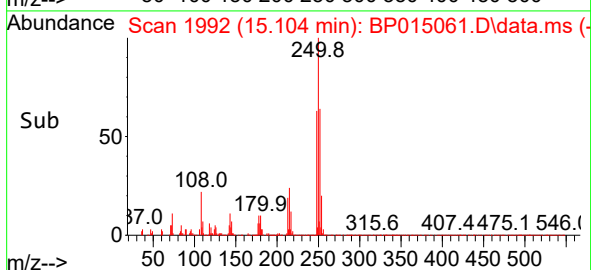
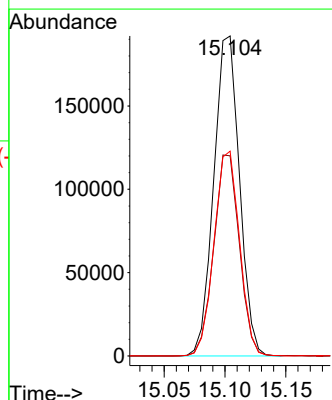
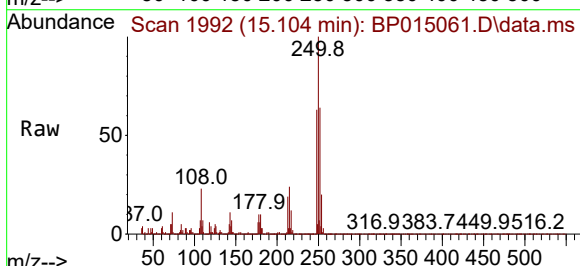
Instrument :
BNA_P
ClientSampleId :
SSTD010612

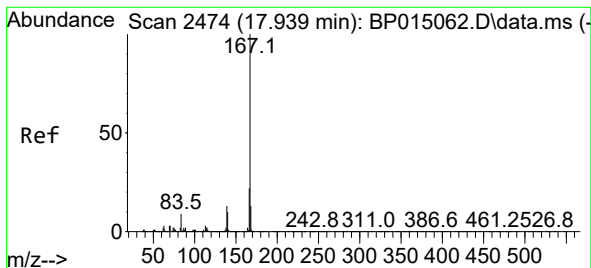
Tgt Ion:216 Resp: 278690
Ion Ratio Lower Upper
216 100
214 76.6 62.2 93.4
218 46.8 38.2 57.2



#76
Pentachlorobenzene
Concen: 10.060 ng/uL
RT: 15.104 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:250 Resp: 282266
Ion Ratio Lower Upper
250 100
248 62.6 49.8 74.6
252 64.0 51.6 77.4





#77

Carbazole

Concen: 10.452 ng/ul

RT: 17.939 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

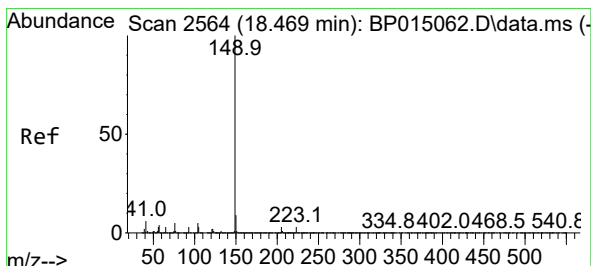
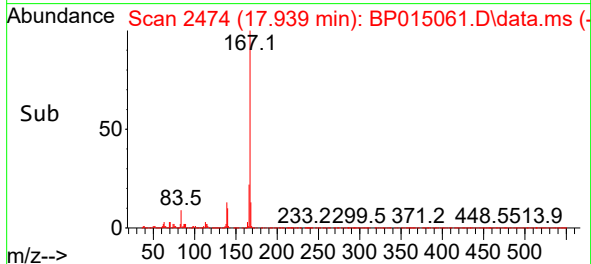
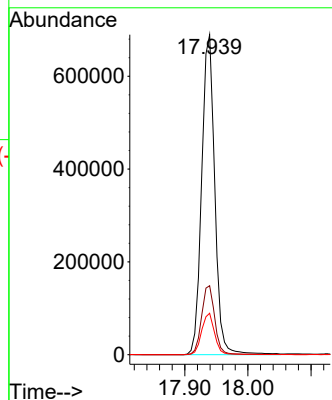
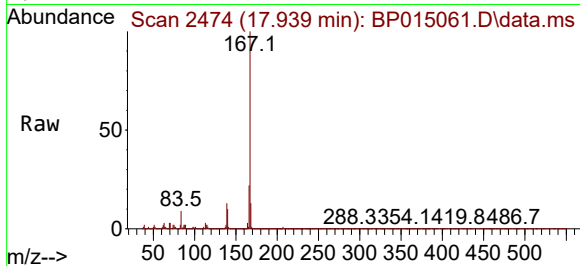
Tgt Ion:167 Resp: 994616

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 12.9 10.2 15.4



#78

Di-n-butylphthalate

Concen: 10.231 ng/ul

RT: 18.469 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

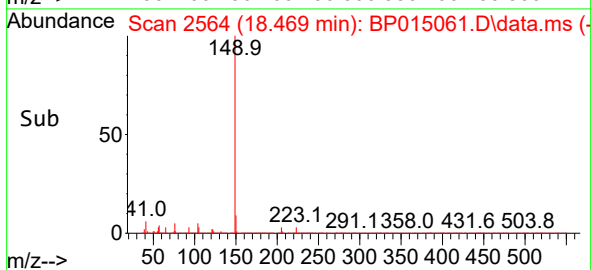
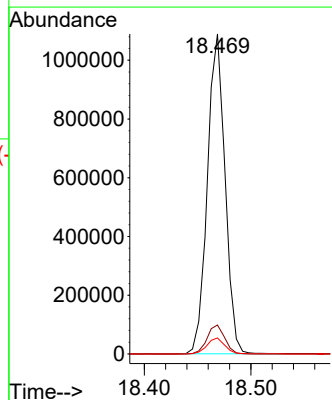
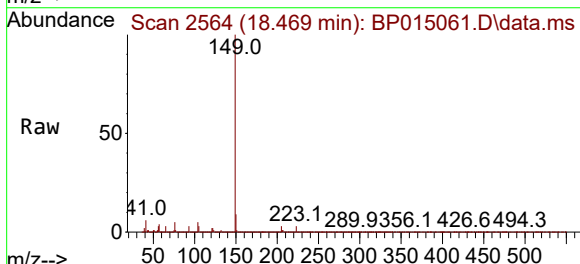
Tgt Ion:149 Resp: 1253777

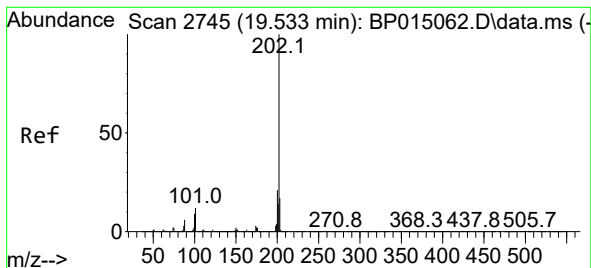
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 10.105 ng/ul

RT: 19.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

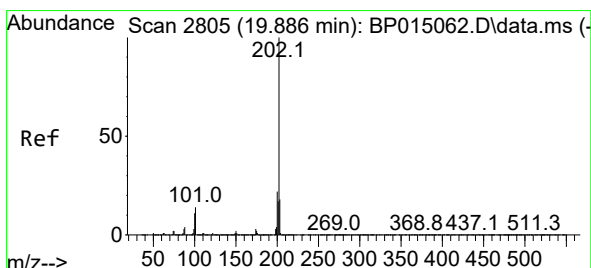
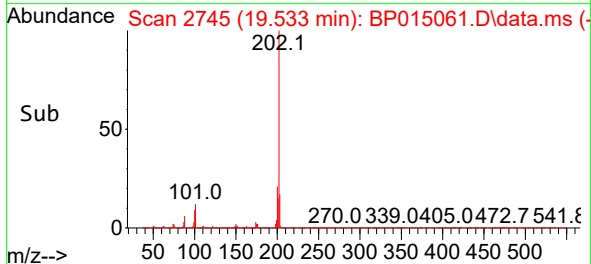
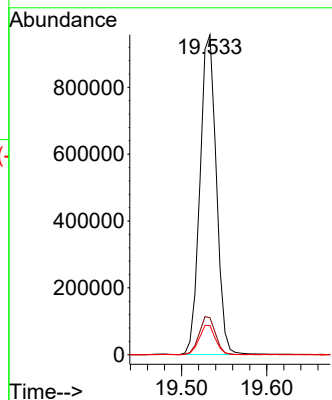
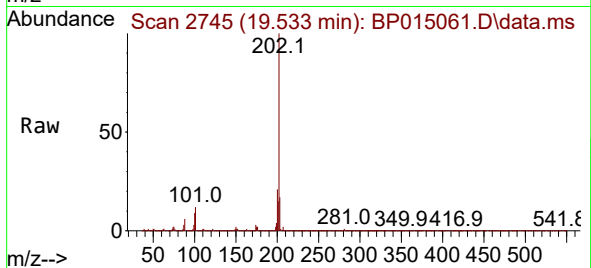
Tgt Ion:202 Resp: 1275982

Ion Ratio Lower Upper

202 100

101 11.5 9.5 14.3

100 9.1 7.3 10.9



#82

Pyrene

Concen: 10.218 ng/ul

RT: 19.886 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

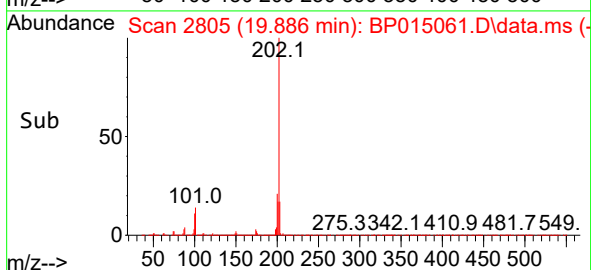
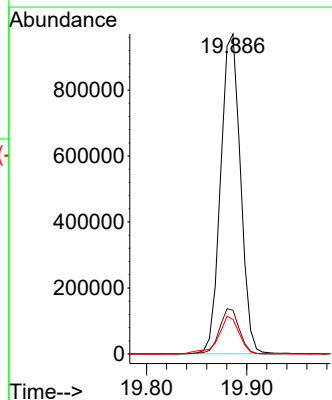
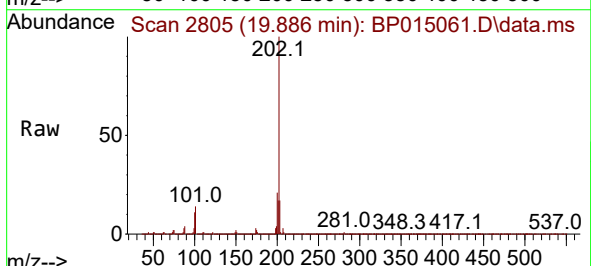
Tgt Ion:202 Resp: 1332379

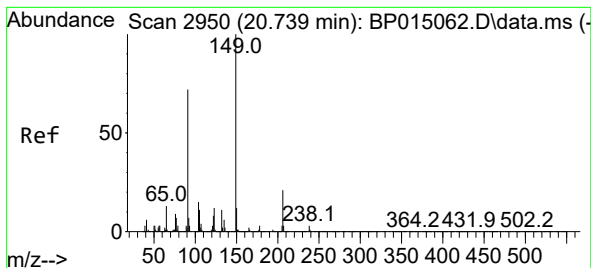
Ion Ratio Lower Upper

202 100

101 13.7 11.2 16.8

100 10.8 9.0 13.6





#83

Butylbenzylphthalate

Concen: 9.952 ng/ul

RT: 20.739 min Scan# 2950

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

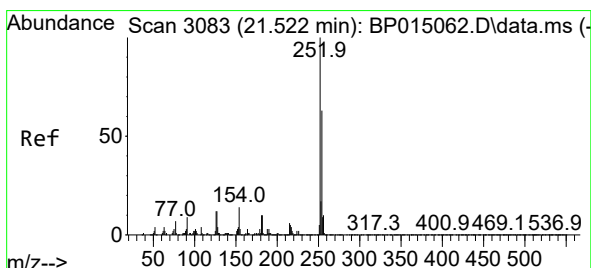
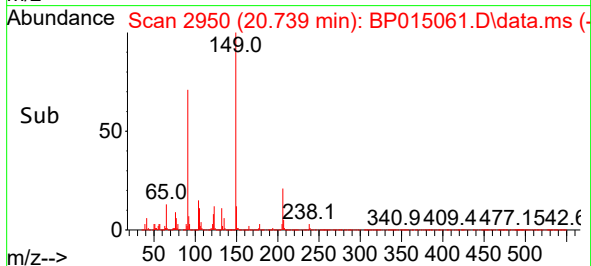
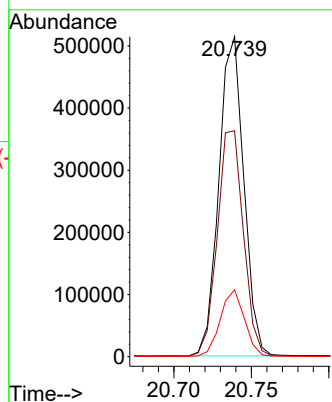
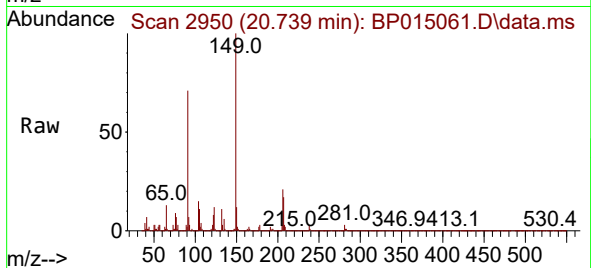
Tgt Ion:149 Resp: 575316

Ion Ratio Lower Upper

149 100

91 70.6 57.4 86.2

206 20.9 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 10.354 ng/ul

RT: 21.521 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

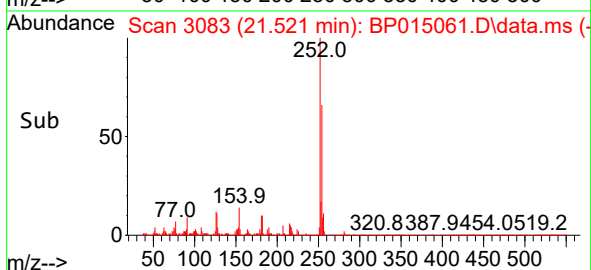
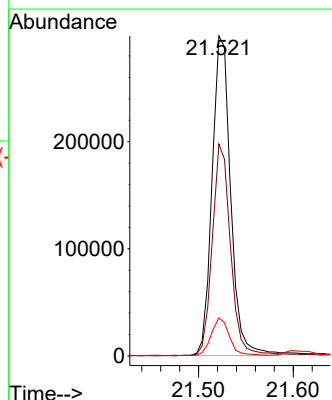
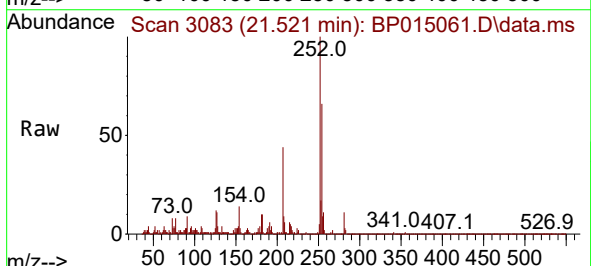
Tgt Ion:252 Resp: 406191

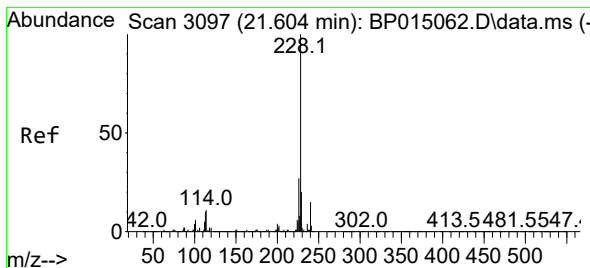
Ion Ratio Lower Upper

252 100

254 66.3 50.8 76.2

126 11.9 9.8 14.8





#85

Benzo(a)anthracene

Concen: 10.081 ng/ul

RT: 21.604 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

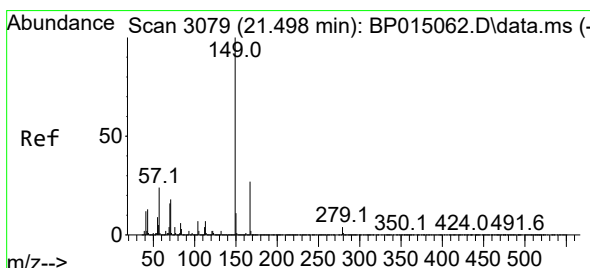
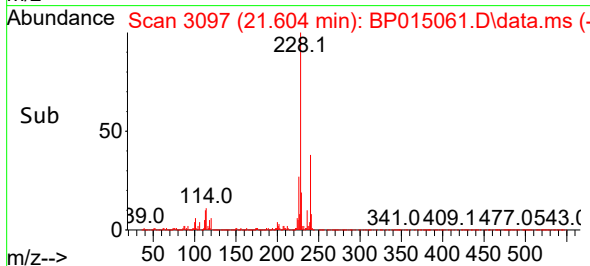
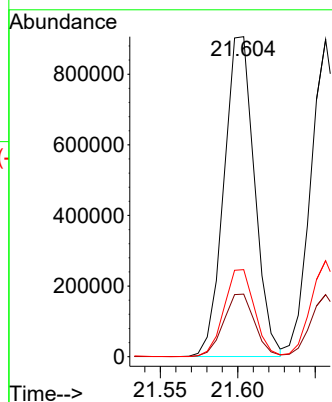
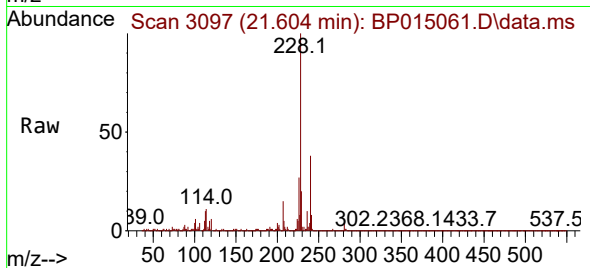
Tgt Ion:228 Resp: 1245103

Ion Ratio Lower Upper

228 100

229 19.5 16.1 24.1

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.190 ng/ul

RT: 21.498 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

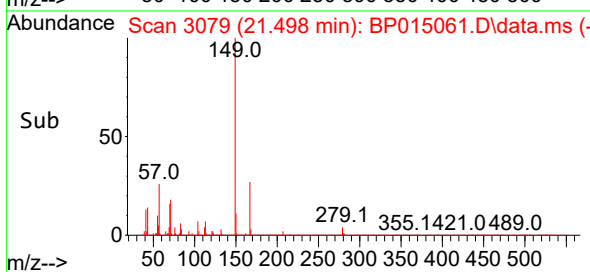
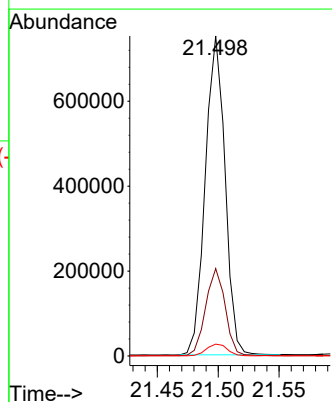
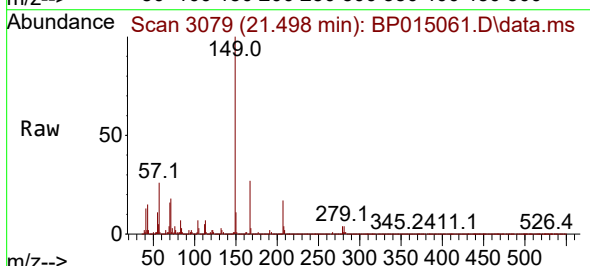
Tgt Ion:149 Resp: 848104

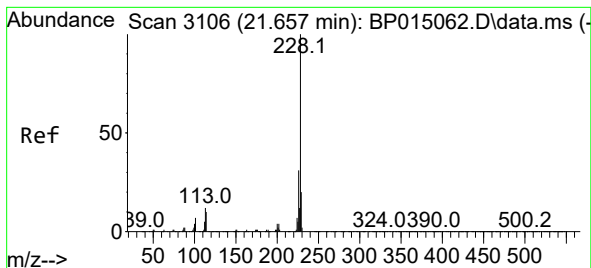
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 3.7 3.2 4.8





#87

Chrysene

Concen: 10.208 ng/ul

RT: 21.657 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

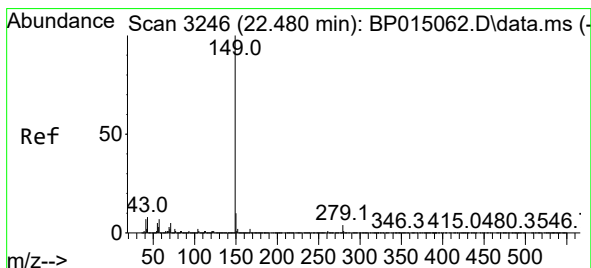
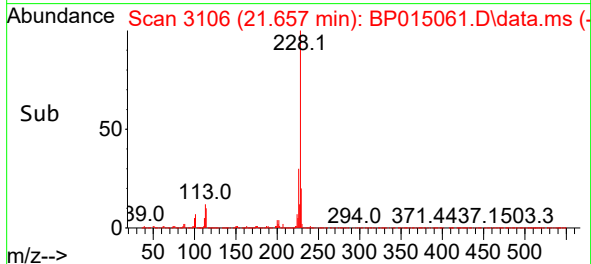
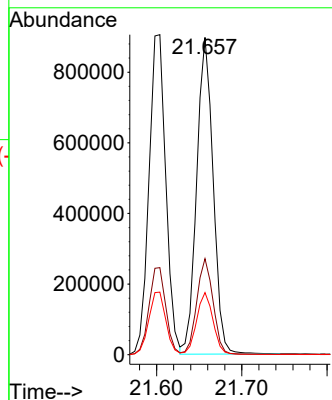
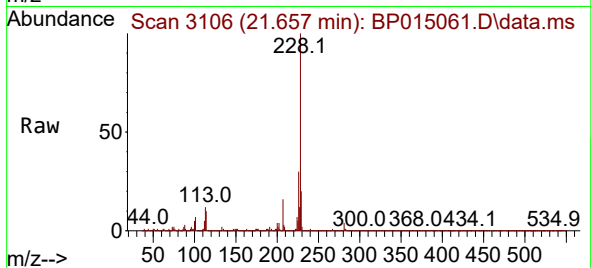
Tgt Ion:228 Resp: 1205243

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: 10.227 ng/ul

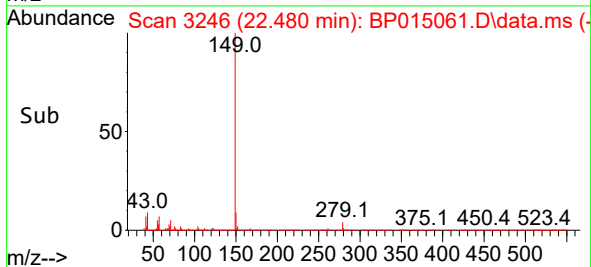
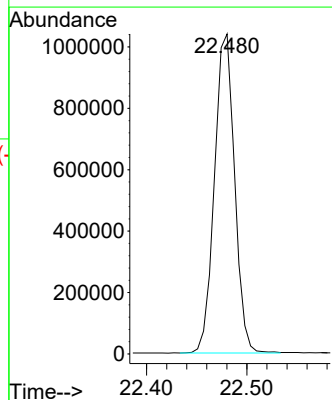
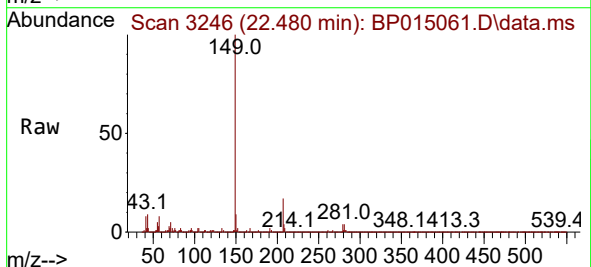
RT: 22.480 min Scan# 3246

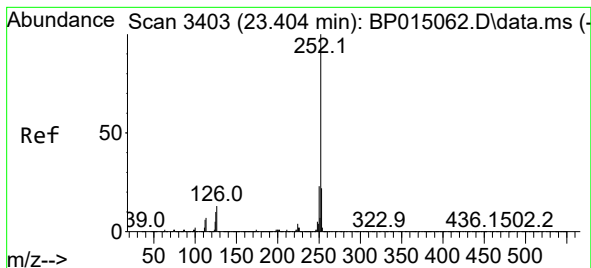
Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Tgt Ion:149 Resp: 1451675





#90

Benzo(b)fluoranthene

Concen: 10.045 ng/ul

RT: 23.398 min Scan# 3403

Delta R.T. -0.006 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

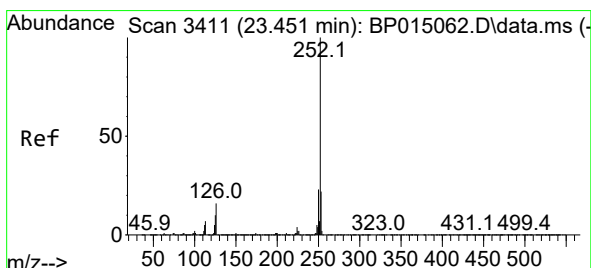
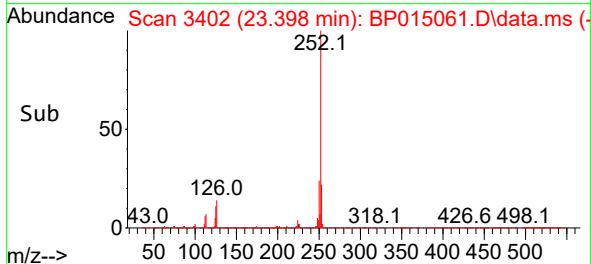
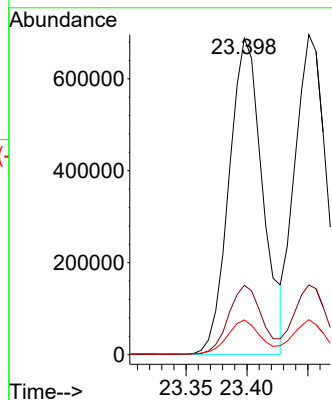
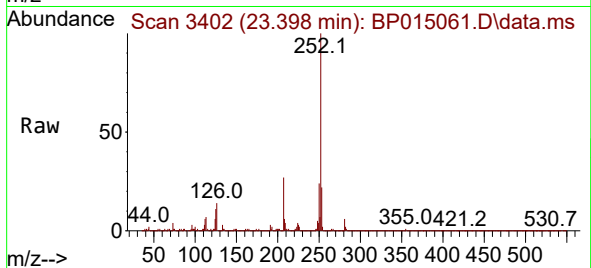
Tgt Ion:252 Resp: 1319849

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.0 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 9.957 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. -0.000 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

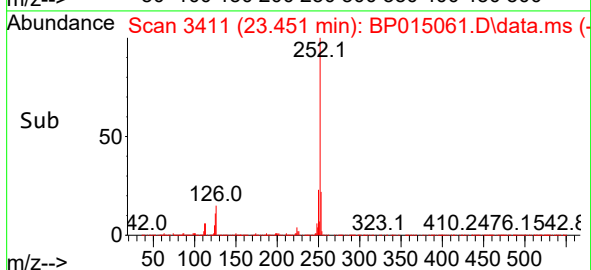
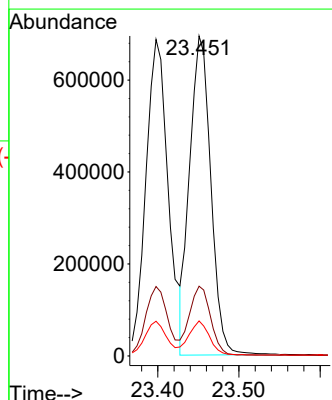
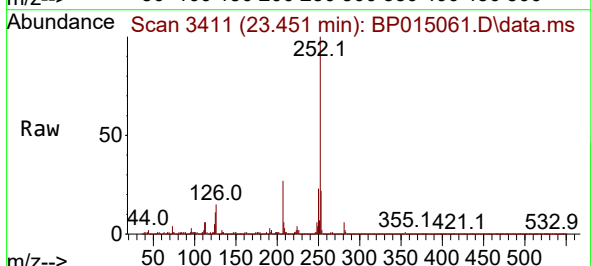
Tgt Ion:252 Resp: 1256286

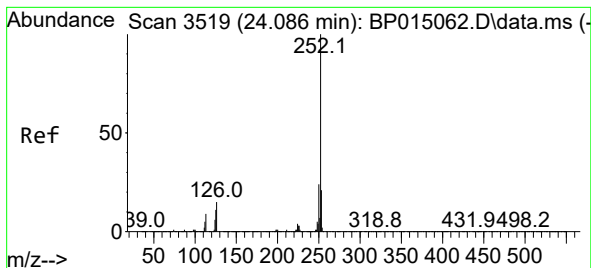
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.0 8.5 12.7





#93

Benzo(a)pyrene

Concen: 10.028 ng/ul

RT: 24.080 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

Instrument :

BNA_P

ClientSampleId :

SSTD010612

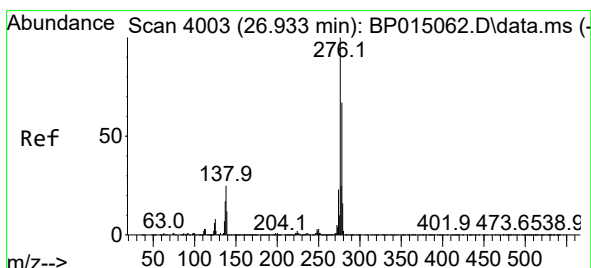
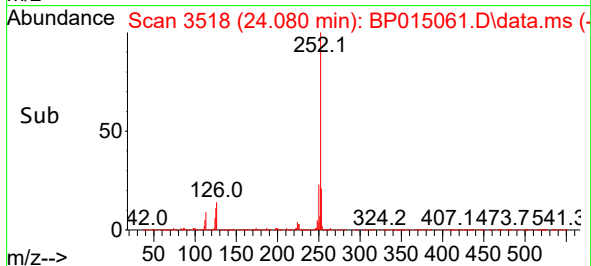
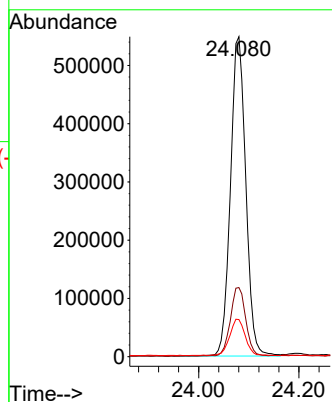
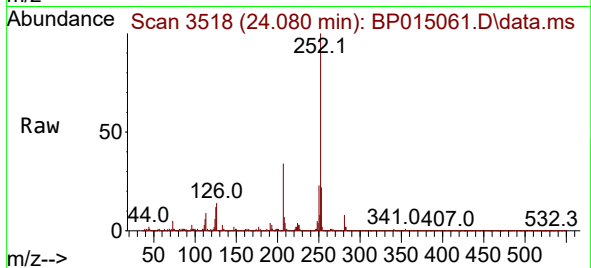
Tgt Ion:252 Resp: 1164632

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 11.6 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.156 ng/ul

RT: 26.927 min Scan# 4002

Delta R.T. -0.006 min

Lab File: BP015061.D

Acq: 11 May 2023 12:13

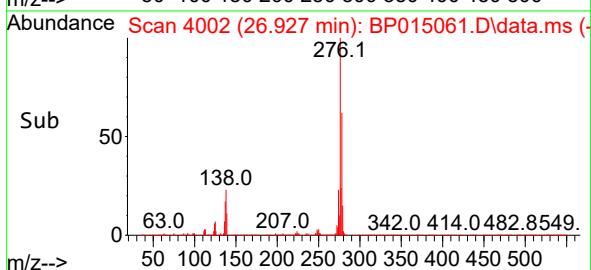
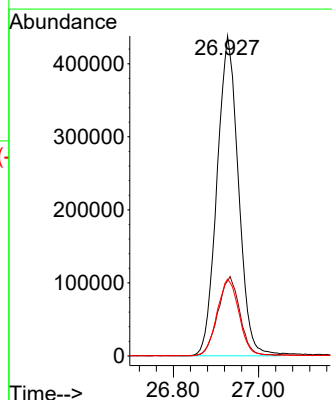
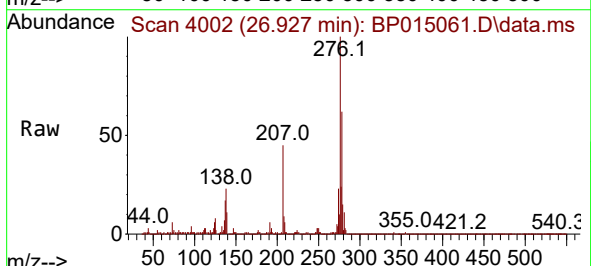
Tgt Ion:276 Resp: 1527290

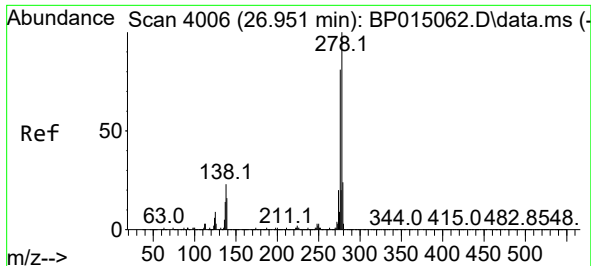
Ion Ratio Lower Upper

276 100

138 23.4 20.1 30.1

277 24.0 19.8 29.8

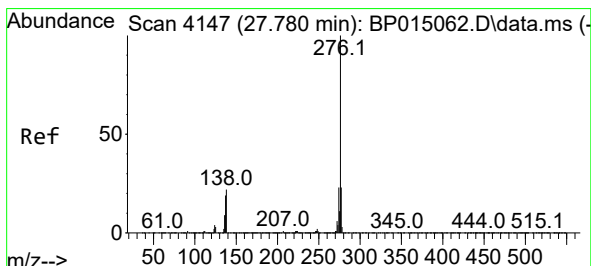
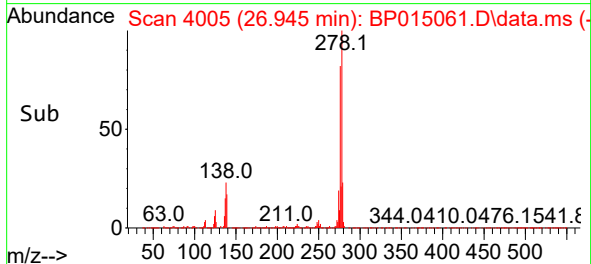
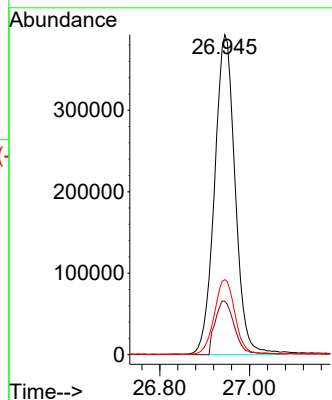
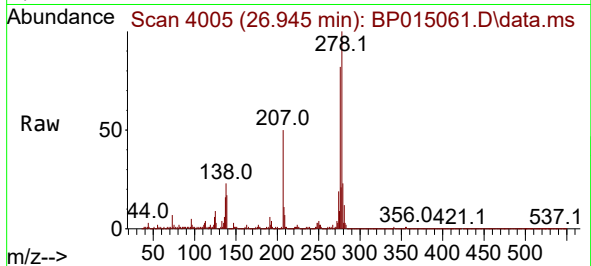




#95
Dibenzo(a,h)anthracene
Concen: 10.150 ng/ul
RT: 26.945 min Scan# 4006
Delta R.T. -0.006 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Instrument :
BNA_P
ClientSampleId :
SSTD010612

Tgt Ion:278 Resp: 1253001
Ion Ratio Lower Upper
278 100
139 16.7 13.3 19.9
279 23.5 19.1 28.7



#96
Benzo(g,h,i)perylene
Concen: 10.244 ng/ul
RT: 27.768 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BP015061.D
Acq: 11 May 2023 12:13

Tgt Ion:276 Resp: 1256153
Ion Ratio Lower Upper
276 100
138 21.9 17.7 26.5
277 23.0 18.8 28.2

