

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014318.D
 Acq On : 27 Mar 2023 18:24
 Operator : CG/JU
 Sample : PB151659BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151659BSD

Quant Time: Mar 28 02:10:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	115789	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	421531	20.000	ng	# 0.00
39) Acenaphthene-d10	14.674	164	257897	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	558256	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	509327	20.000	ng	0.00
86) Perylene-d12	24.033	264	554341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	804784	112.718	ng	0.00
7) Phenol-d6	7.192	99	1055196	112.566	ng	0.00
23) Nitrobenzene-d5	9.204	82	675479	73.241	ng	0.00
42) 2,4,6-Tribromophenol	16.168	330	405893	97.071	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1370779	68.863	ng	0.00
79) Terphenyl-d14	19.968	244	1963791	63.578	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.434	88	150382	48.483	ng	93
3) Pyridine	3.846	79	381498	44.289	ng	96
4) n-Nitrosodimethylamine	3.757	42	184446	48.240	ng	# 99
6) Aniline	7.357	93	449888	36.536	ng	98
8) 2-Chlorophenol	7.587	128	374013	48.910	ng	91
9) Benzaldehyde	7.163	77	151281	32.250	ng	99
10) Phenol	7.216	94	502739	51.531	ng	100
11) bis(2-Chloroethyl)ether	7.445	93	405249	52.462	ng	97
12) 1,3-Dichlorobenzene	7.910	146	411494	48.969	ng	98
13) 1,4-Dichlorobenzene	8.063	146	415127	48.831	ng	99
14) 1,2-Dichlorobenzene	8.381	146	394570	48.458	ng	97
15) Benzyl Alcohol	8.275	79	370228	48.442	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.563	45	490345	58.306	ng	95
17) 2-Methylphenol	8.475	107	326780	46.965	ng	99
18) Hexachloroethane	9.110	117	157076	49.184	ng	95
19) n-Nitroso-di-n-propyla...	8.839	70	308941	50.071	ng	98
20) 3+4-Methylphenols	8.804	107	432628	46.168	ng	97
22) Acetophenone	8.863	105	576672	48.772	ng	# 98
24) Nitrobenzene	9.245	77	469976	49.803	ng	97
25) Isophorone	9.769	82	816542	48.050	ng	96
26) 2-Nitrophenol	9.957	139	193255	47.082	ng	94
27) 2,4-Dimethylphenol	10.016	122	332287	49.788	ng	98
28) bis(2-Chloroethoxy)met...	10.251	93	490898	49.910	ng	98
29) 2,4-Dichlorophenol	10.504	162	346790	47.468	ng	97
30) 1,2,4-Trichlorobenzene	10.710	180	379215	45.719	ng	100
31) Naphthalene	10.898	128	1100657	47.519	ng	99
32) Benzoic acid	10.175	122	212961	39.038	ng	95
33) 4-Chloroaniline	11.028	127	246898	24.866	ng	95
34) Hexachlorobutadiene	11.175	225	255436	42.358	ng	99
35) Caprolactam	11.822	113	102473	49.001	ng	85
36) 4-Chloro-3-methylphenol	12.139	107	397896	48.834	ng	96
37) 2-Methylnaphthalene	12.504	142	752668	44.046	ng	98
38) 1-Methylnaphthalene	12.722	142	698160	43.830	ng	99
40) 1,2,4,5-Tetrachloroben...	12.869	216	436572	44.411	ng	# 98
41) Hexachlorocyclopentadiene	12.839	237	615603	99.786	ng	99
43) 2,4,6-Trichlorophenol	13.110	196	283603	45.641	ng	99

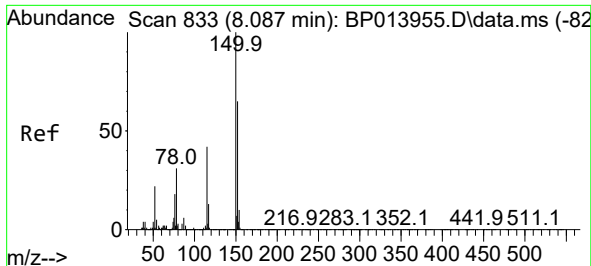
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.192	196	306367	42.549	ng	99
46) 1,1'-Biphenyl	13.504	154	982413	47.325	ng	98
47) 2-Chloronaphthalene	13.551	162	770947	48.244	ng	98
48) 2-Nitroaniline	13.763	65	261087	53.835	ng	95
49) Acenaphthylene	14.398	152	1201075	47.262	ng	100
50) Dimethylphthalate	14.127	163	959889	45.116	ng	100
51) 2,6-Dinitrotoluene	14.257	165	208805	46.603	ng	97
52) Acenaphthene	14.739	154	715271	46.756	ng	99
53) 3-Nitroaniline	14.592	138	192668	43.878	ng	95
54) 2,4-Dinitrophenol	14.798	184	269669	81.129	ng	93
55) Dibenzofuran	15.074	168	1152912	46.228	ng	99
56) 4-Nitrophenol	14.904	139	334521	93.556	ng	93
57) 2,4-Dinitrotoluene	15.045	165	288315	48.139	ng	99
58) Fluorene	15.721	166	925420	46.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.298	232	274300	43.668	ng	95
60) Diethylphthalate	15.486	149	959651	45.683	ng	99
61) 4-Chlorophenyl-phenylether	15.710	204	487785	43.451	ng	96
62) 4-Nitroaniline	15.757	138	210847	48.224	ng	91
63) Azobenzene	16.010	77	1022992	52.628	ng	96
65) 4,6-Dinitro-2-methylph...	15.810	198	170780	41.301	ng	92
66) n-Nitrosodiphenylamine	15.933	169	792588	44.930	ng	100
67) 4-Bromophenyl-phenylether	16.610	248	303205	41.061	ng	94
68) Hexachlorobenzene	16.727	284	349846	44.200	ng	95
69) Atrazine	16.886	200	291928	47.135	ng	99
70) Pentachlorophenol	17.080	266	438137	76.753	ng	96
71) Phenanthrene	17.474	178	1425397	45.705	ng	99
72) Anthracene	17.568	178	1447976	45.439	ng	99
73) Carbazole	17.839	167	1292759	47.030	ng	99
74) Di-n-butylphthalate	18.368	149	1604371	46.682	ng	99
75) Fluoranthene	19.433	202	1647677	44.201	ng	98
77) Benzidine	19.615	184	889328	92.958	ng	99
78) Pyrene	19.786	202	1712917	43.817	ng	100
80) Butylbenzylphthalate	20.645	149	697503	47.063	ng	97
81) Benzo(a)anthracene	21.498	228	1662139	44.477	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	547236	45.764	ng	98
83) Chrysene	21.556	228	1572175	44.423	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	1005278	46.236	ng	98
85) Di-n-octyl phthalate	22.356	149	1688712	47.847	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	2003250	46.770	ng	98
88) Benzo(b)fluoranthene	23.262	252	1696055	46.725	ng	99
89) Benzo(k)fluoranthene	23.309	252	1625795	45.175	ng	# 99
90) Benzo(a)pyrene	23.921	252	1450801	41.903	ng	99
91) Dibenzo(a,h)anthracene	26.697	278	1674324	47.020	ng	98
92) Benzo(g,h,i)perylene	27.497	276	1623126	45.995	ng	99

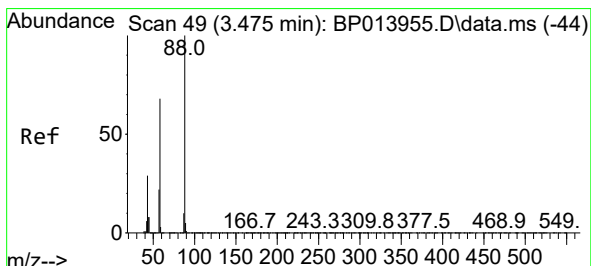
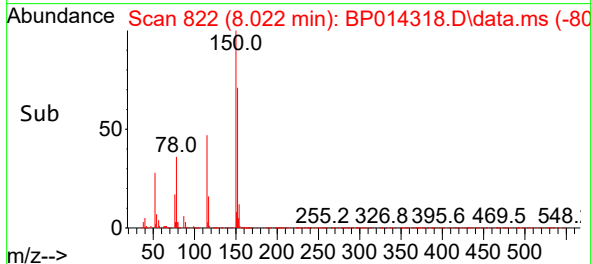
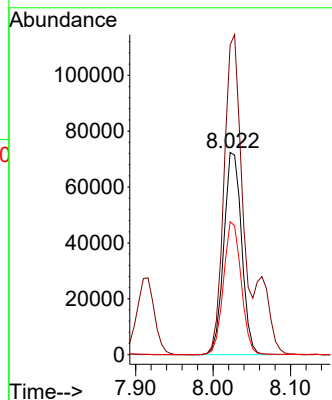
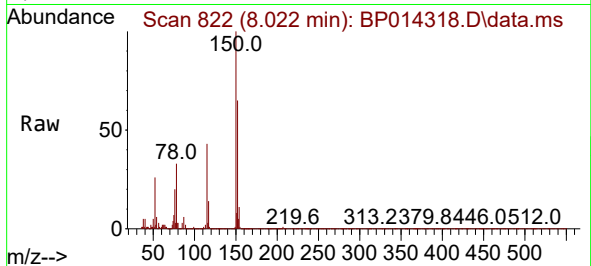
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014318.D
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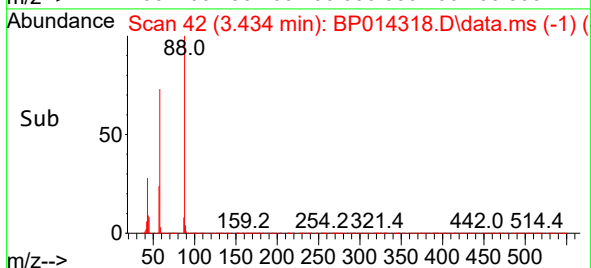
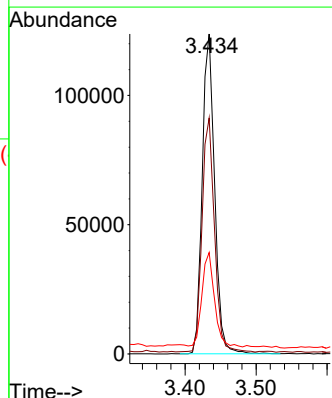
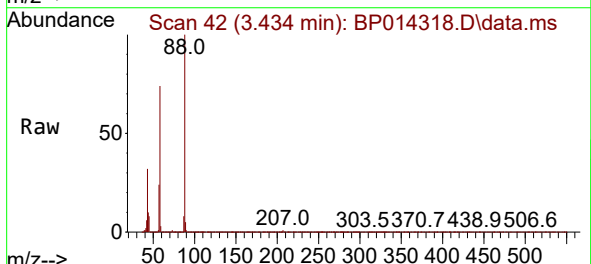
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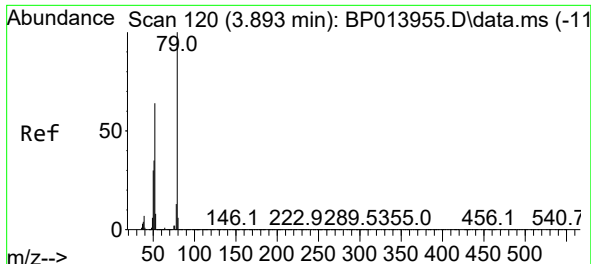
Tgt Ion:152 Resp: 115789
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 65.7 51.6 77.4



#2
1,4-Dioxane
Concen: 48.483 ng
RT: 3.434 min Scan# 42
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 88 Resp: 150382
Ion Ratio Lower Upper
88 100
58 73.5 53.8 80.8
43 30.0 22.1 33.1

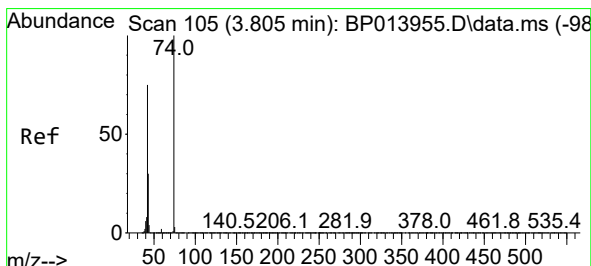
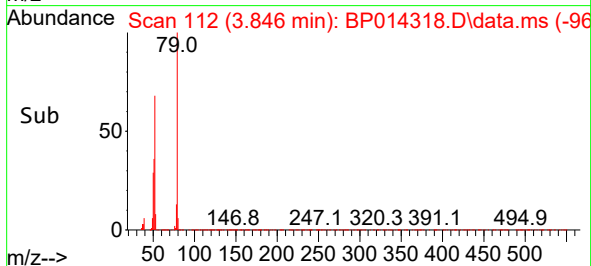
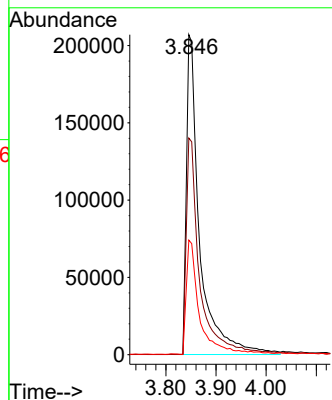
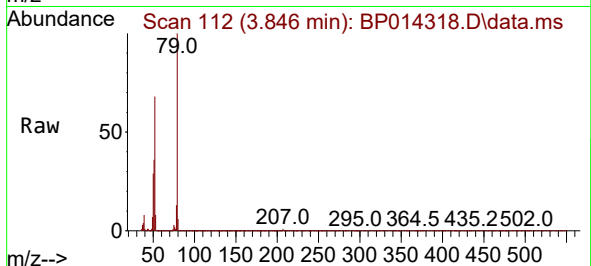




#3
Pyridine
Concen: 44.289 ng
RT: 3.846 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

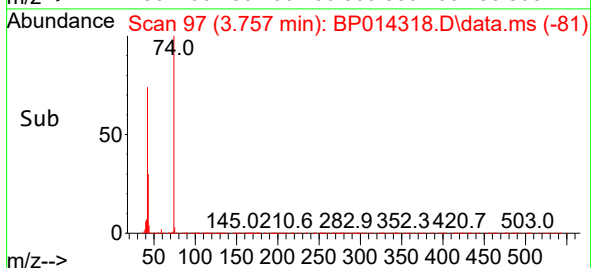
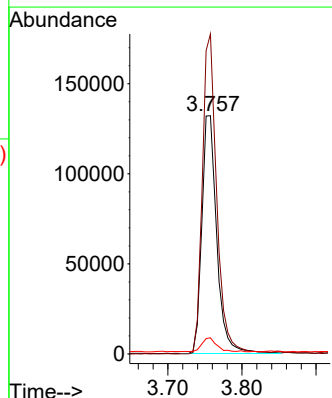
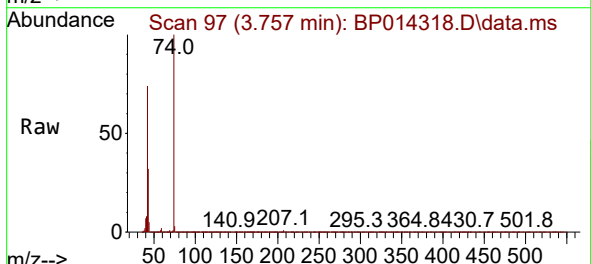
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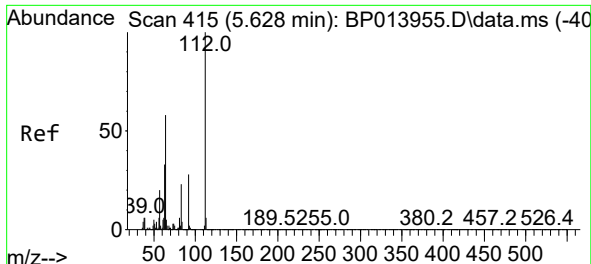
Tgt Ion: 79 Resp: 381498
Ion Ratio Lower Upper
79 100
52 67.7 51.0 76.4
51 35.8 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 48.240 ng
RT: 3.757 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 42 Resp: 184446
Ion Ratio Lower Upper
42 100
74 134.3 107.0 160.6
44 6.8 4.5 6.7#

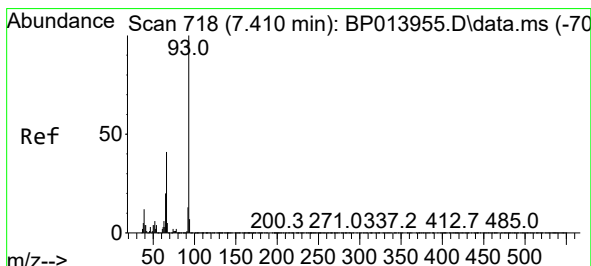
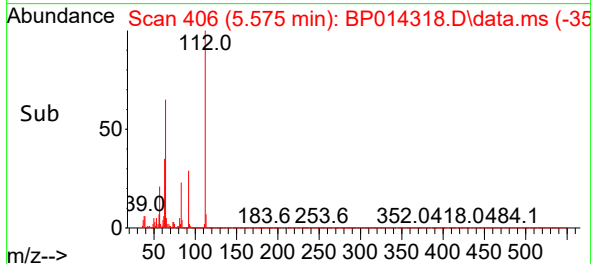
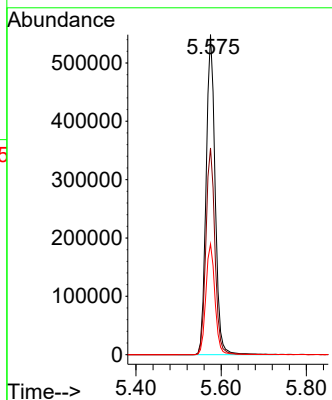
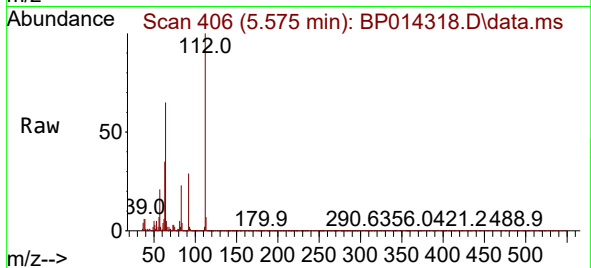




#5
2-Fluorophenol
Concen: 112.718 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

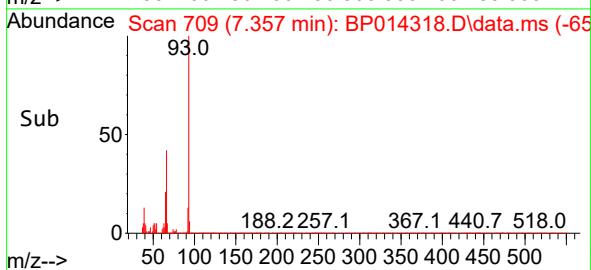
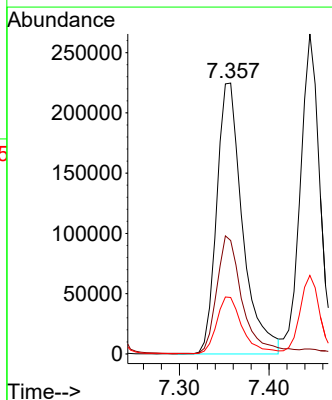
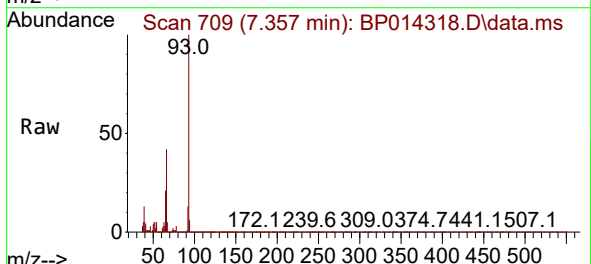
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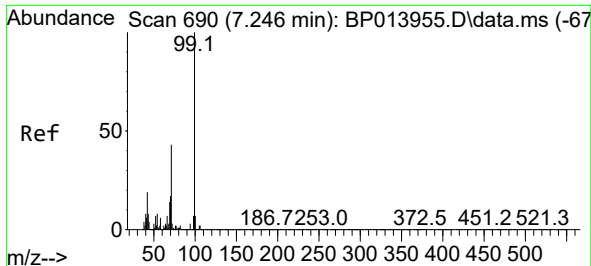
Tgt Ion:112 Resp: 804784
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 34.5 26.6 40.0



#6
Aniline
Concen: 36.536 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 93 Resp: 449888
Ion Ratio Lower Upper
93 100
66 41.9 32.6 48.8
65 20.8 16.0 24.0

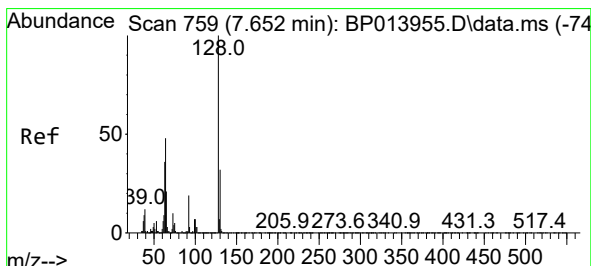
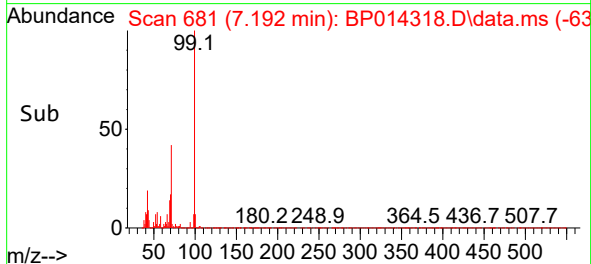
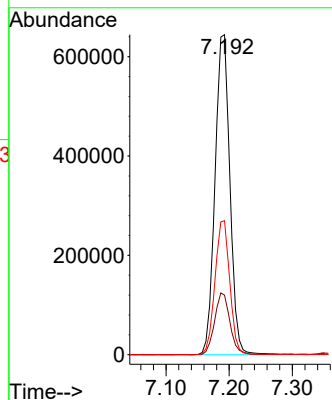
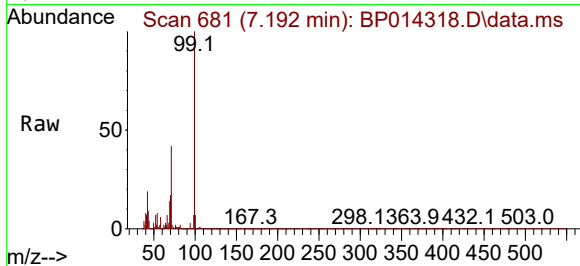




#7
Phenol-d6
Concen: 112.566 ng
RT: 7.192 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

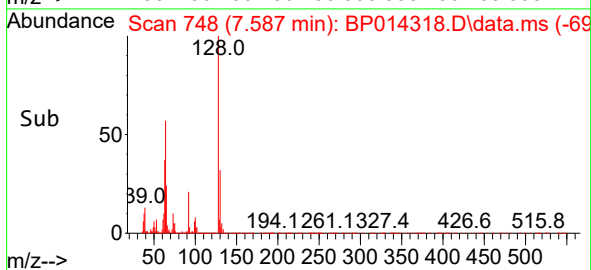
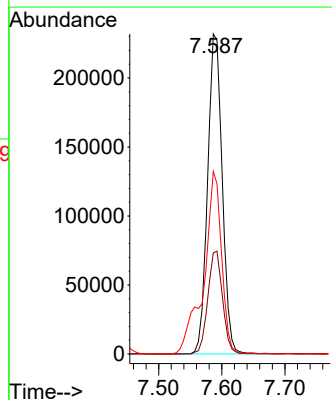
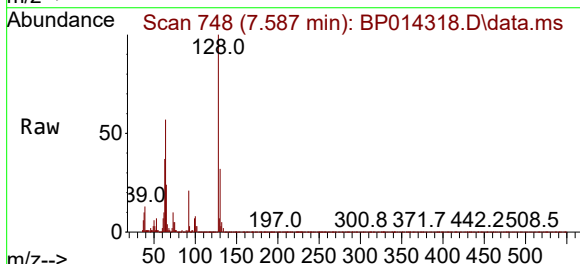
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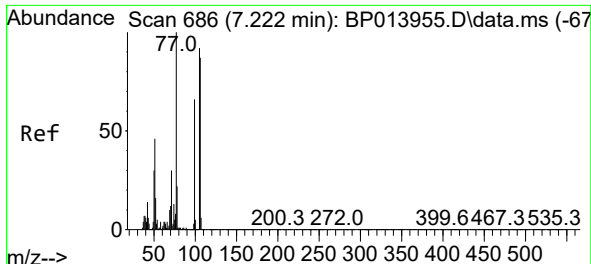
Tgt Ion: 99 Resp: 1055196
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 41.8 34.3 51.5



#8
2-Chlorophenol
Concen: 48.910 ng
RT: 7.587 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:128 Resp: 374013
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 57.1 27.6 67.6

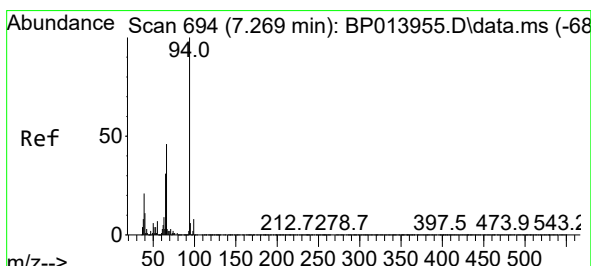
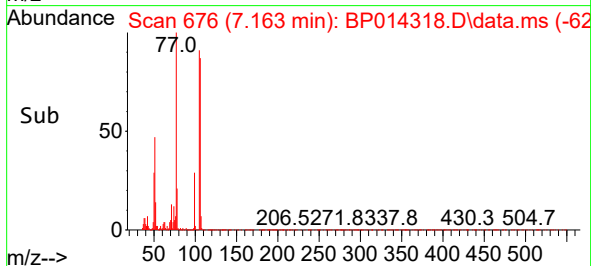
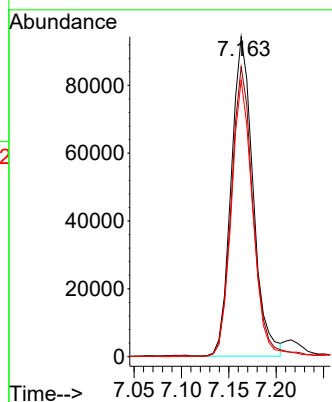
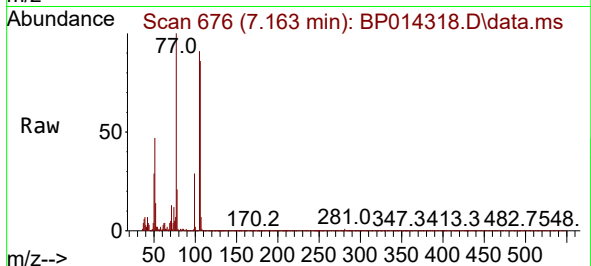




#9
Benzaldehyde
Concen: 32.250 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

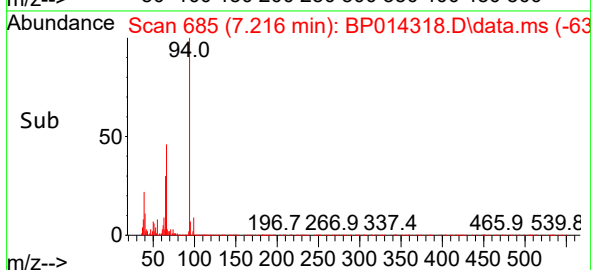
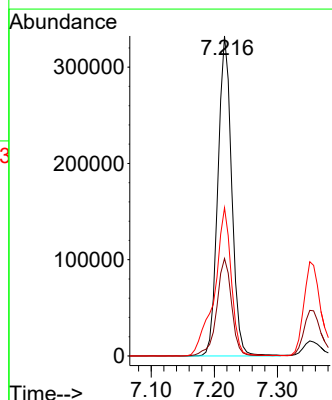
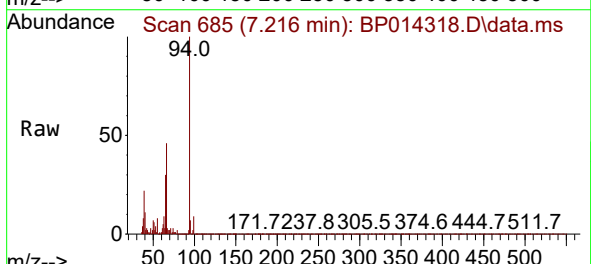
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ClientSampleId :
PB151659BSD

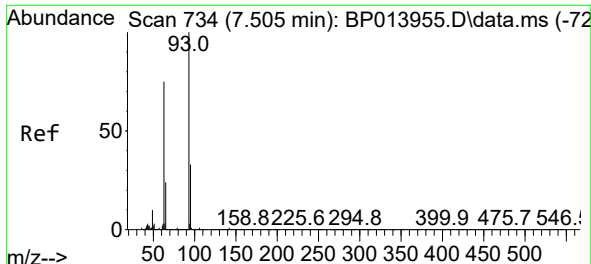
Tgt Ion: 77 Resp: 151281
Ion Ratio Lower Upper
77 100
105 90.6 72.4 112.4
106 86.4 66.9 106.9



#10
Phenol
Concen: 51.531 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 94 Resp: 502739
Ion Ratio Lower Upper
94 100
65 30.5 10.9 50.9
66 46.3 26.1 66.1

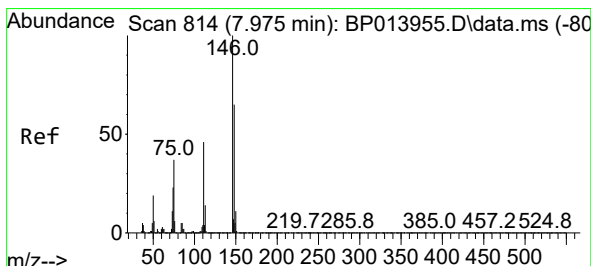
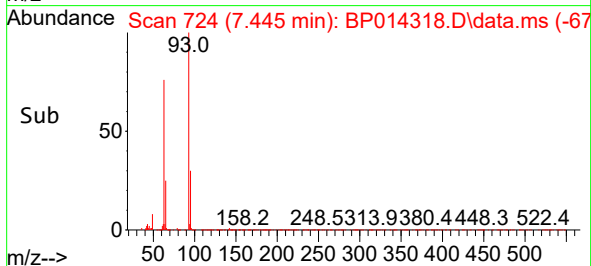
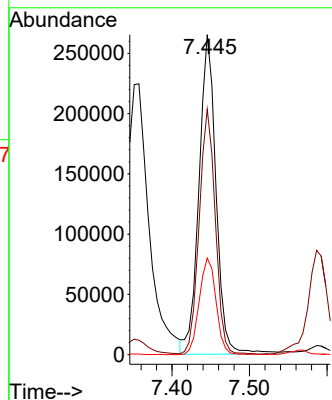
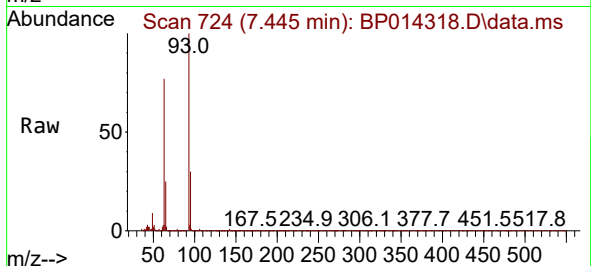




#11
bis(2-Chloroethyl)ether
Concen: 52.462 ng
RT: 7.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

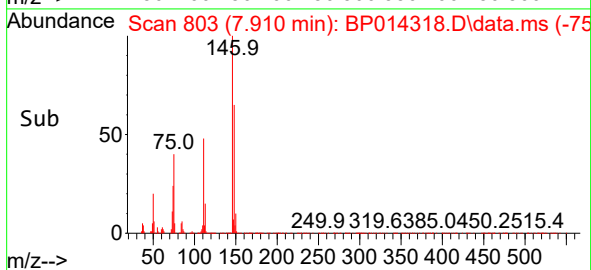
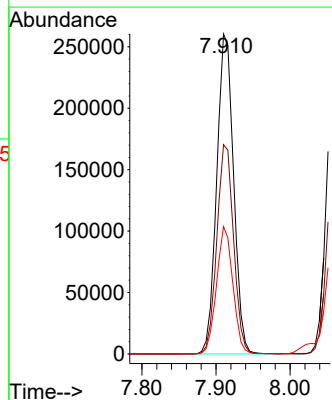
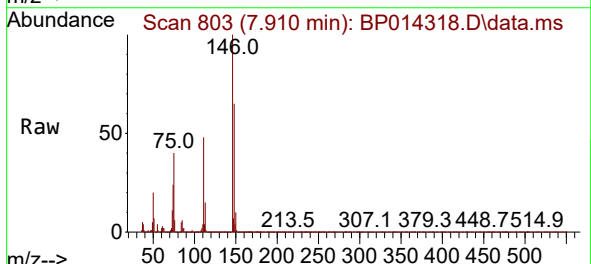
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

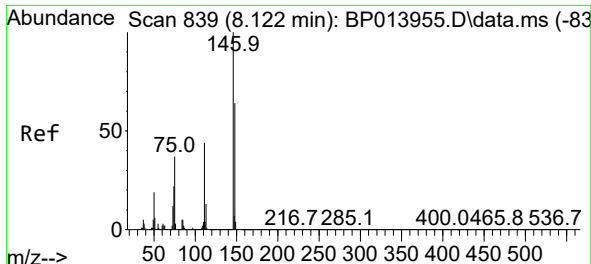
Tgt Ion: 93 Resp: 405249
Ion Ratio Lower Upper
93 100
63 76.7 54.2 94.2
95 30.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.969 ng
RT: 7.910 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:146 Resp: 411494
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
75 39.8 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 48.831 ng

RT: 8.063 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

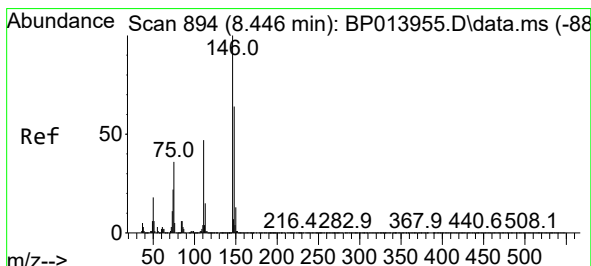
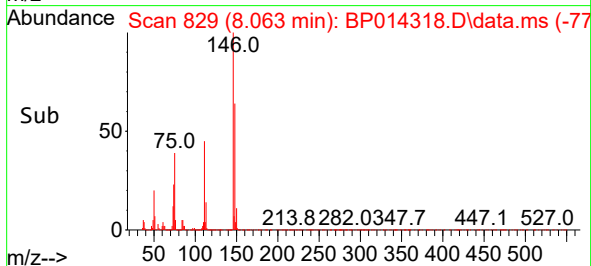
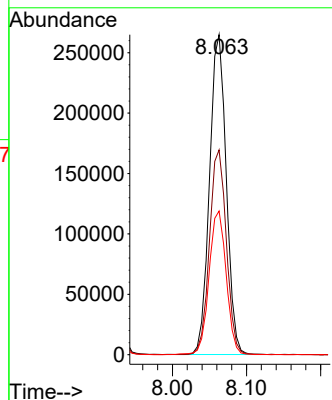
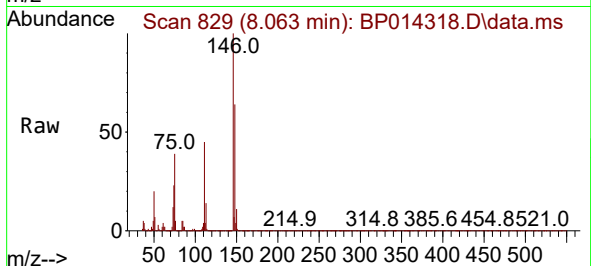
Tgt Ion:146 Resp: 415127

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

111 44.9 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.458 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

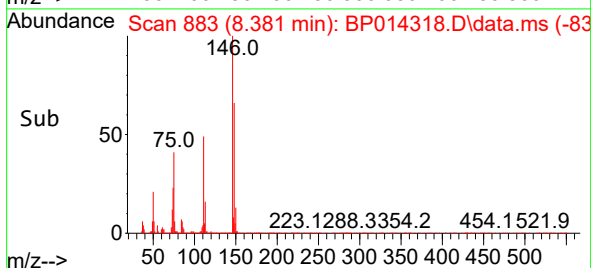
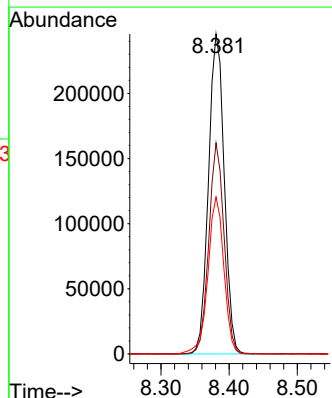
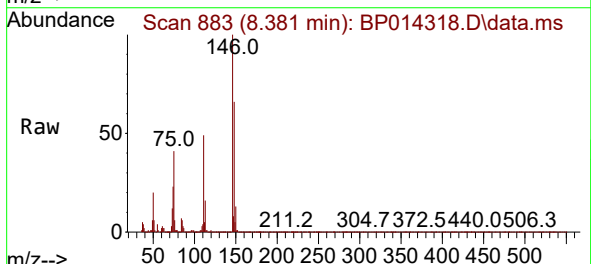
Tgt Ion:146 Resp: 394570

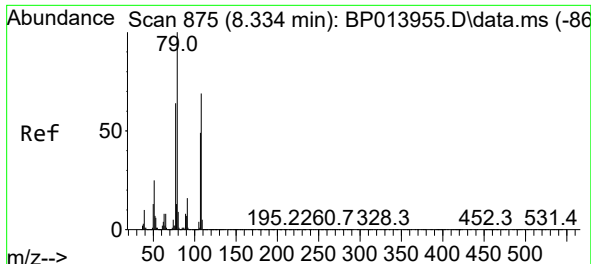
Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.0

111 49.0 37.2 55.8

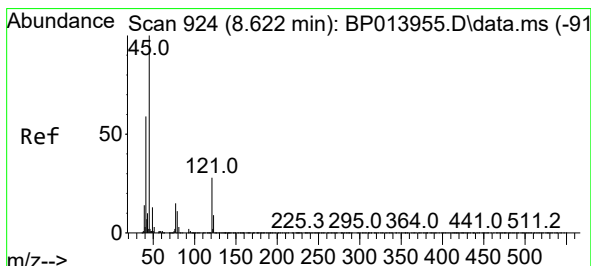
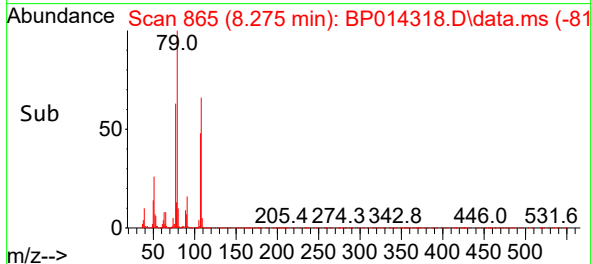
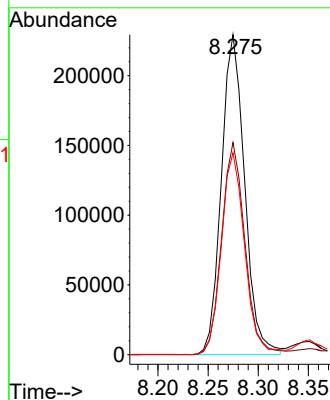
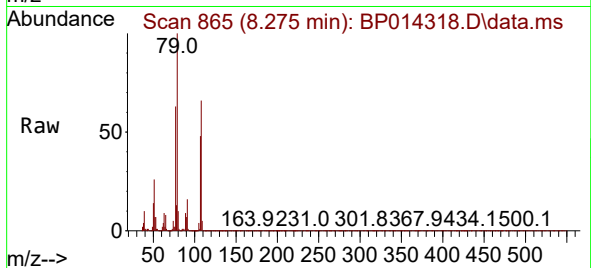




#15
Benzyl Alcohol
Concen: 48.442 ng
RT: 8.275 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

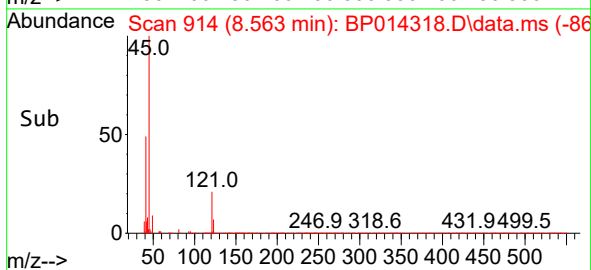
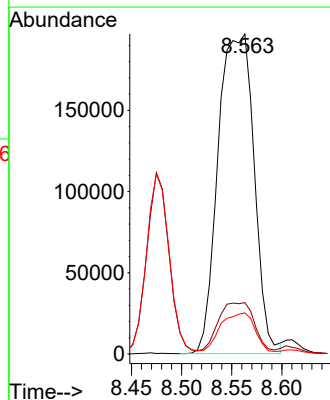
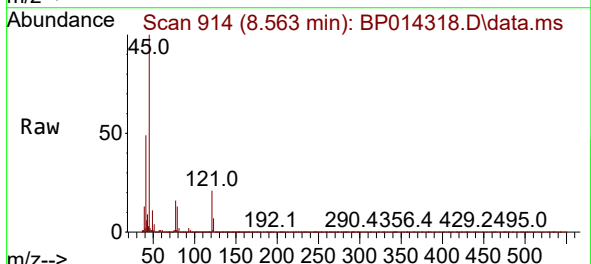
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

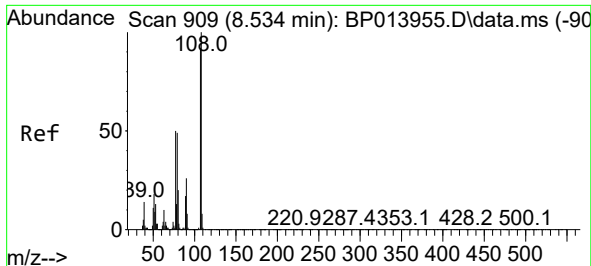
Tgt Ion: 79 Resp: 370228
Ion Ratio Lower Upper
79 100
108 66.3 54.9 82.3
77 63.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.306 ng
RT: 8.563 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 45 Resp: 490345
Ion Ratio Lower Upper
45 100
77 16.0 0.0 38.7
79 12.8 0.0 34.4

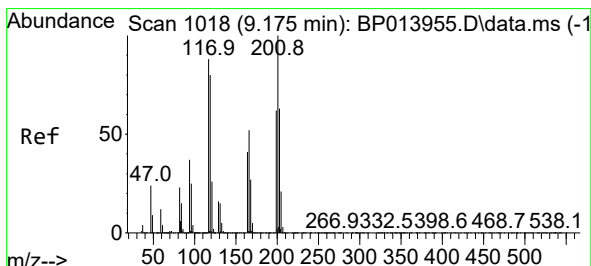
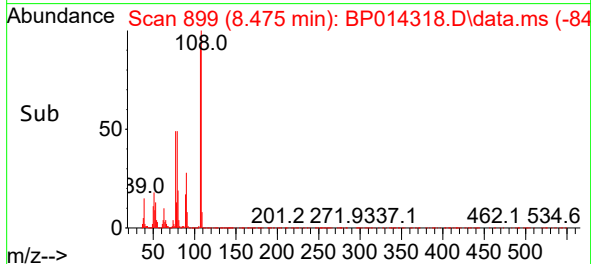
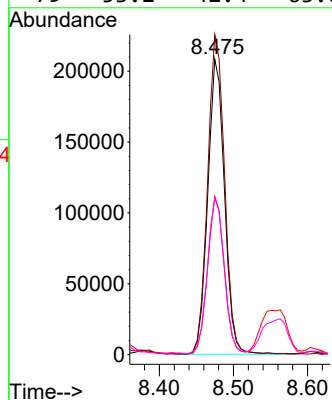
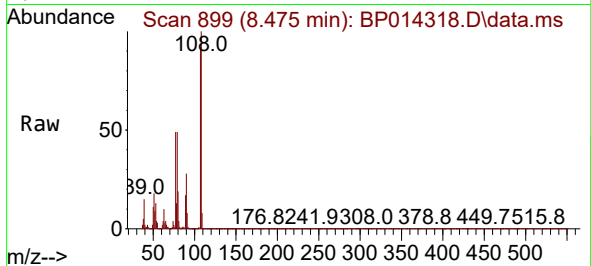




#17
2-Methylphenol
Concen: 46.965 ng
RT: 8.475 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

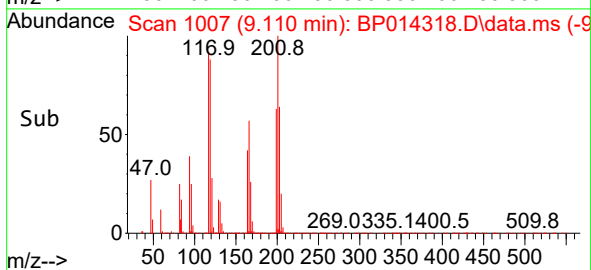
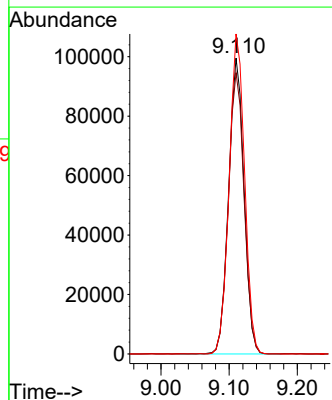
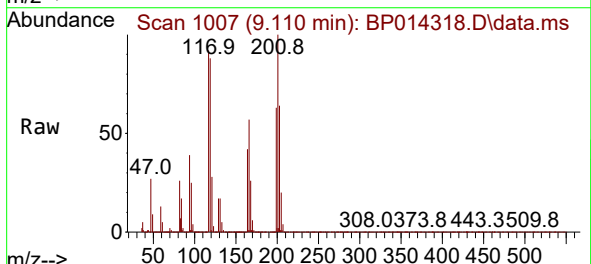
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

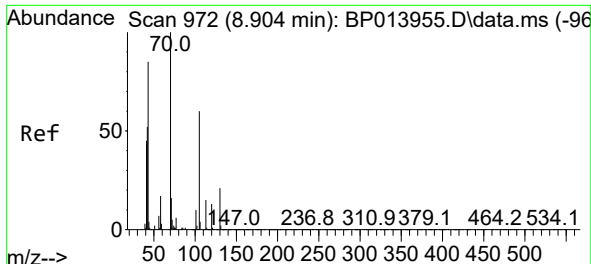
Tgt Ion:107 Resp: 326780
Ion Ratio Lower Upper
107 100
108 108.3 87.0 130.4
77 53.6 44.0 66.0
79 53.2 42.4 63.6



#18
Hexachloroethane
Concen: 49.184 ng
RT: 9.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:117 Resp: 157076
Ion Ratio Lower Upper
117 100
119 95.0 73.3 109.9
201 108.1 91.1 136.7

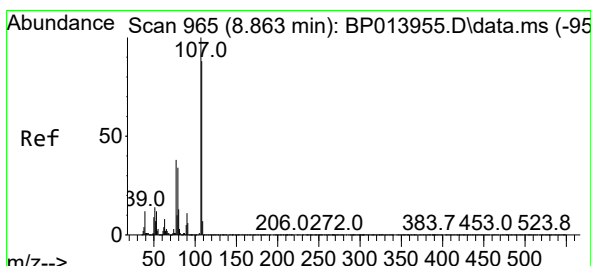
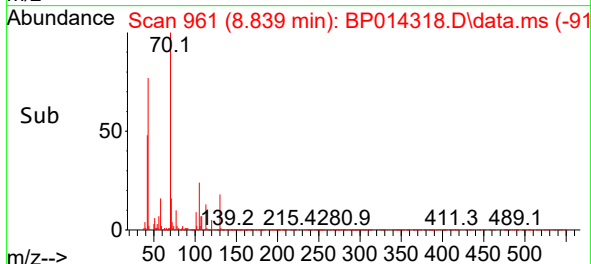
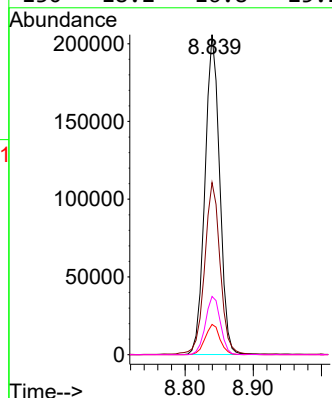
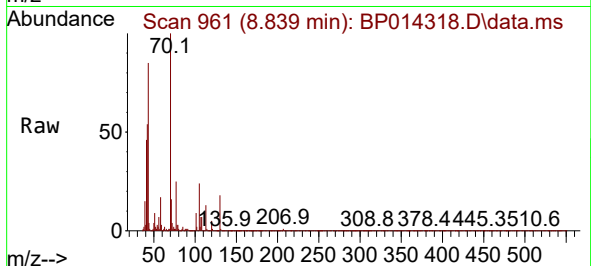




#19
n-Nitroso-di-n-propylamine
Concen: 50.071 ng
RT: 8.839 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

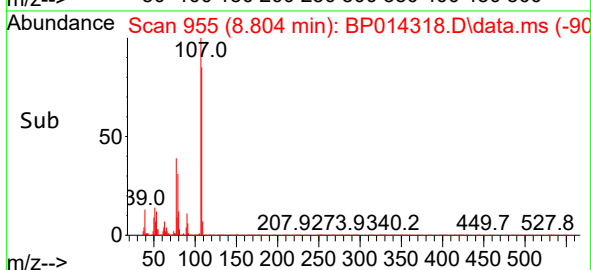
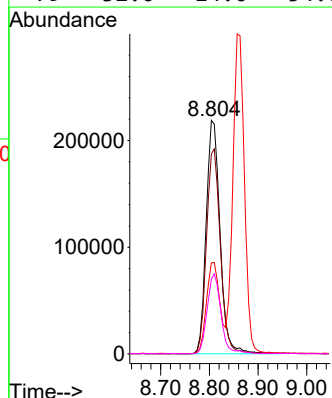
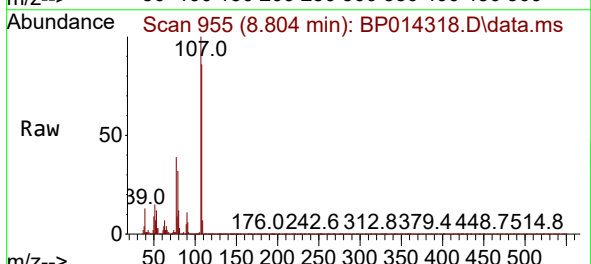
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

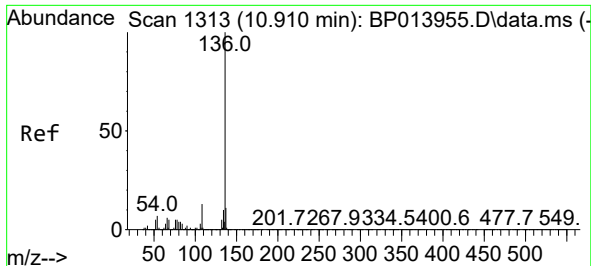
Tgt Ion:	70	Resp:	308941
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.4	63.6
101	9.5	8.2	12.4
130	18.2	16.8	25.2



#20
3+4-Methylphenols
Concen: 46.168 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:	107	Resp:	432628
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	39.0	18.1	58.1
79	32.0	14.0	54.0

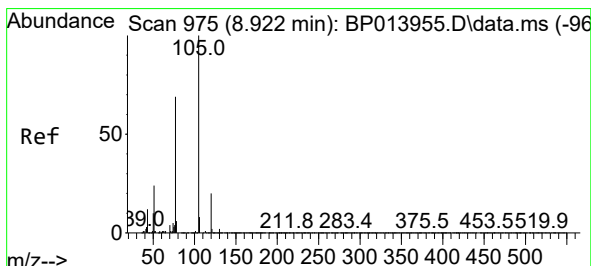
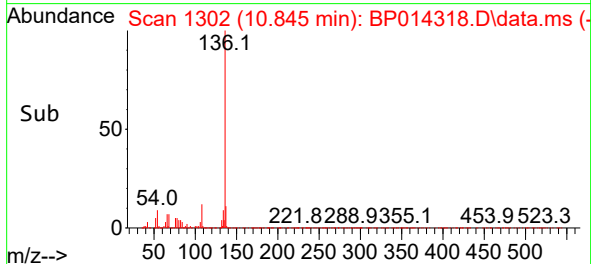
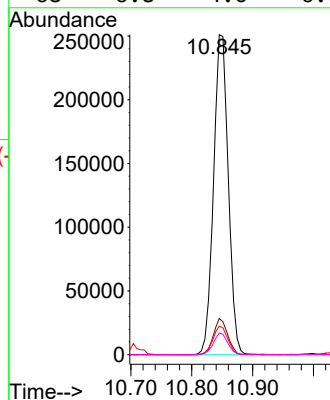
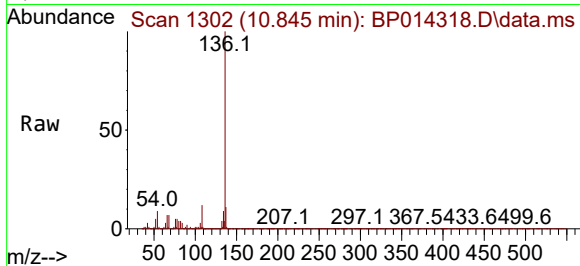




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

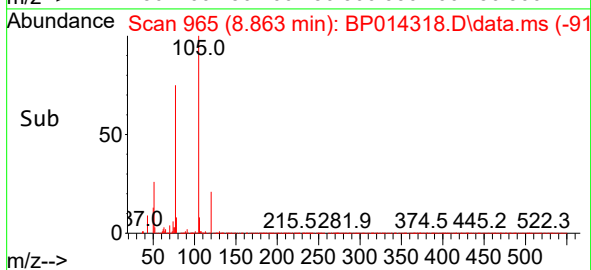
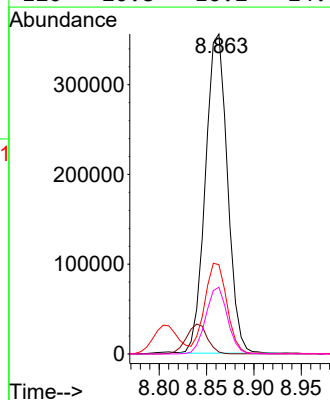
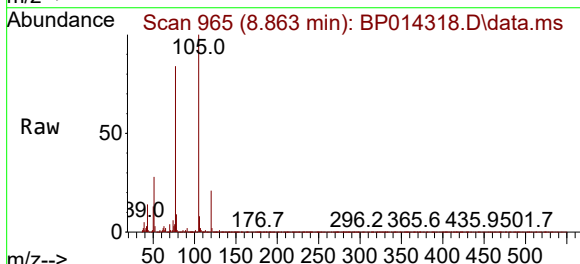
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

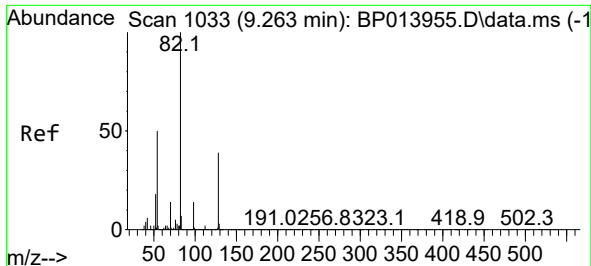
Tgt Ion:136 Resp: 421531
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.9 5.8 8.8#
68 6.8 4.0 6.0#



#22
Acetophenone
Concen: 48.772 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:105 Resp: 576672
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.0#
51 27.9 21.5 32.3
120 20.8 16.2 24.4

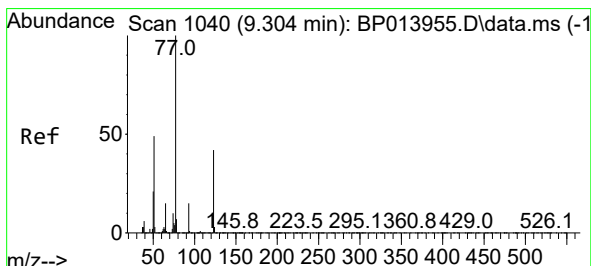
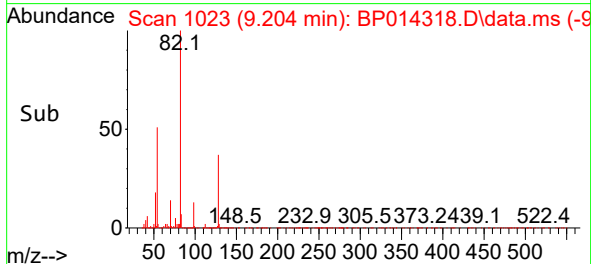
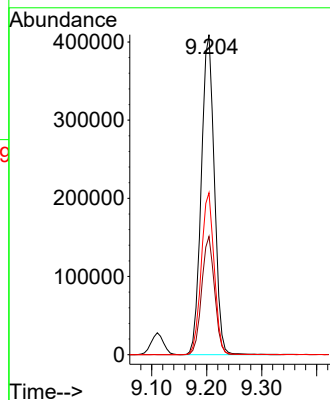
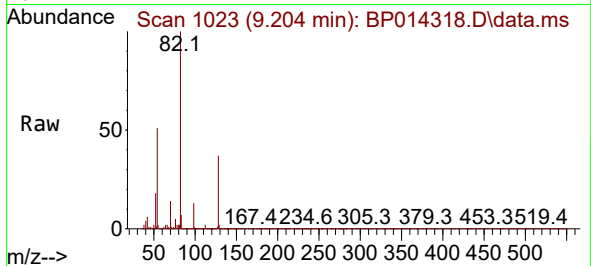




#23
Nitrobenzene-d5
Concen: 73.241 ng
RT: 9.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

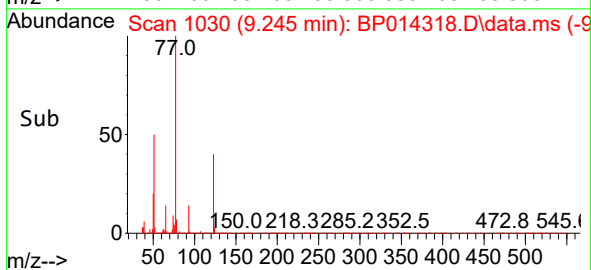
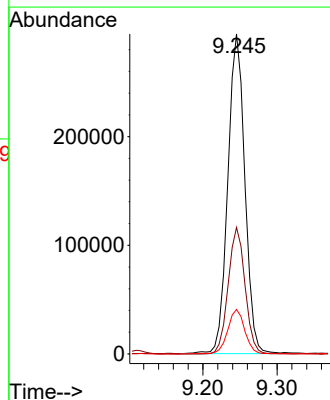
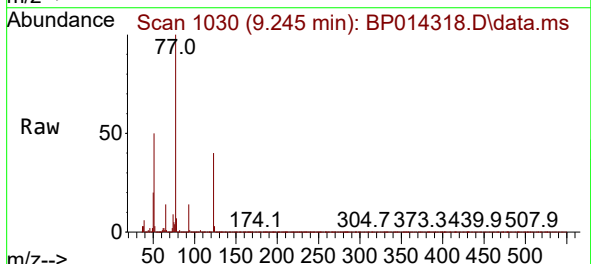
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

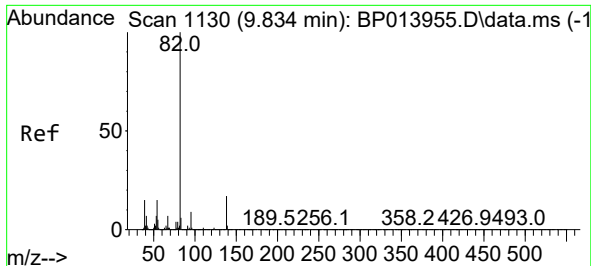
Tgt Ion: 82 Resp: 675479
Ion Ratio Lower Upper
82 100
128 36.9 31.1 46.7
54 50.6 40.0 60.0



#24
Nitrobenzene
Concen: 49.803 ng
RT: 9.245 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 77 Resp: 469976
Ion Ratio Lower Upper
77 100
123 39.5 33.6 50.4
65 13.9 11.6 17.4

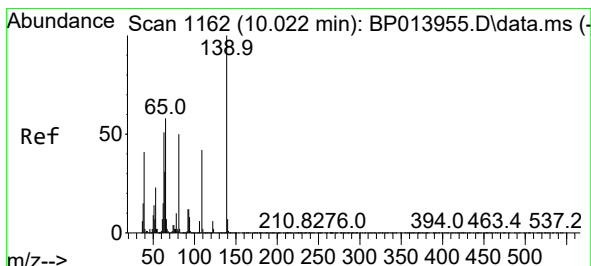
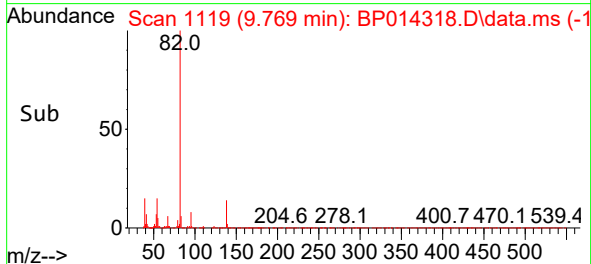
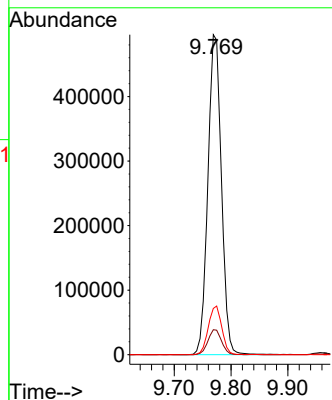
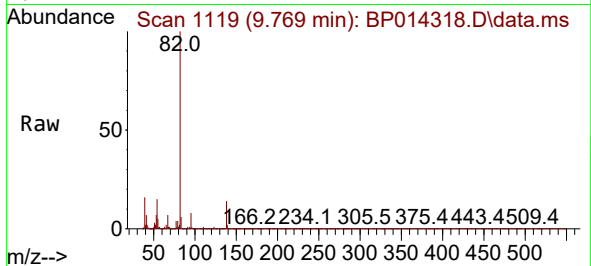




#25
Isophorone
Concen: 48.050 ng
RT: 9.769 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

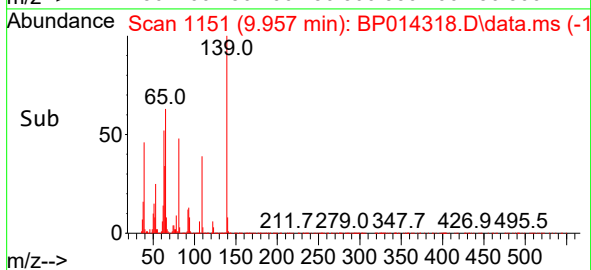
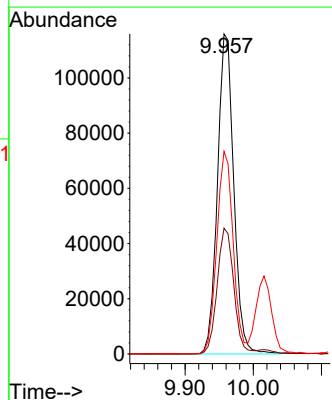
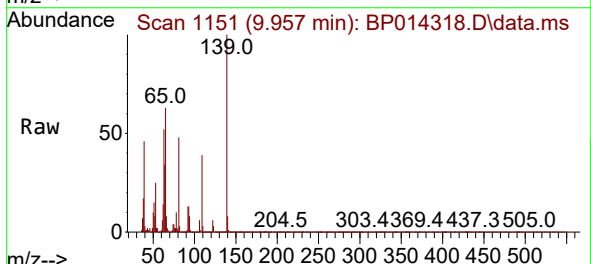
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

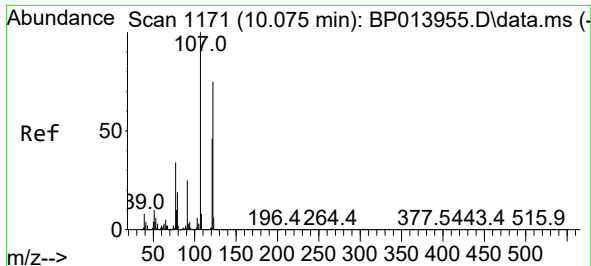
Tgt Ion: 82 Resp: 816542
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 14.4 13.3 19.9



#26
2-Nitrophenol
Concen: 47.082 ng
RT: 9.957 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:139 Resp: 193255
Ion Ratio Lower Upper
139 100
109 39.3 33.8 50.8
65 63.3 46.6 70.0

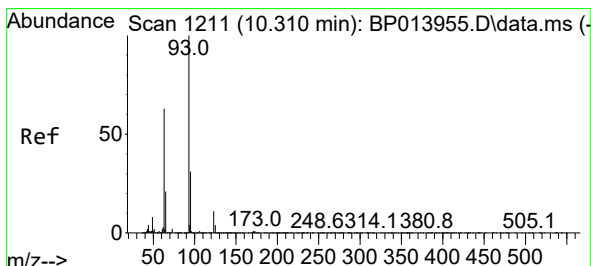
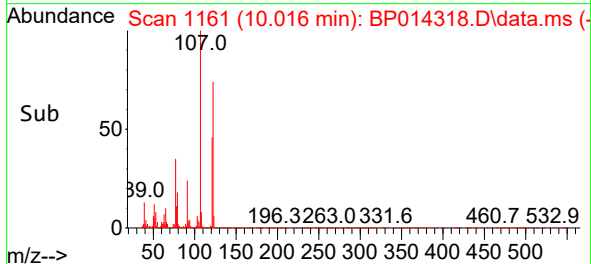
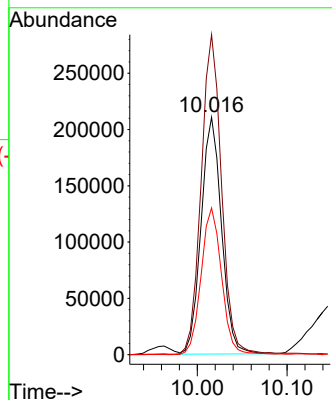
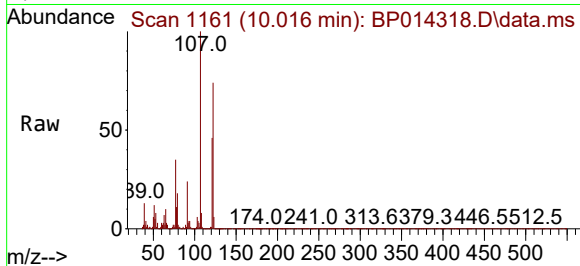




#27
2,4-Dimethylphenol
Concen: 49.788 ng
RT: 10.016 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

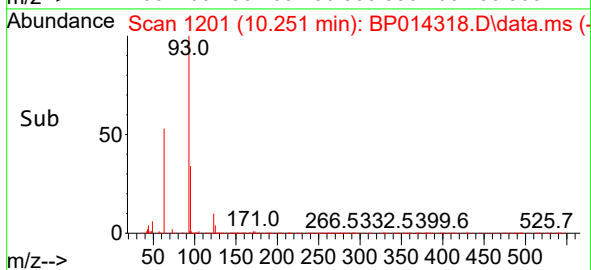
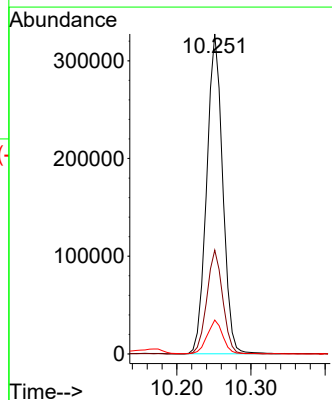
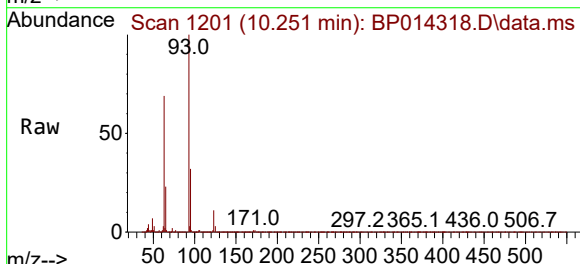
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

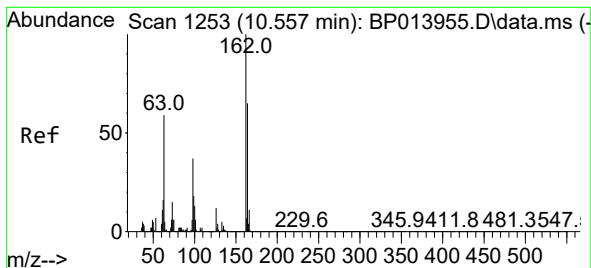
Tgt Ion:122 Resp: 332287
Ion Ratio Lower Upper
122 100
107 134.7 105.9 158.9
121 61.8 49.0 73.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.910 ng
RT: 10.251 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 93 Resp: 490898
Ion Ratio Lower Upper
93 100
95 32.5 25.0 37.6
123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.468 ng

RT: 10.504 min Scan# 1244

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

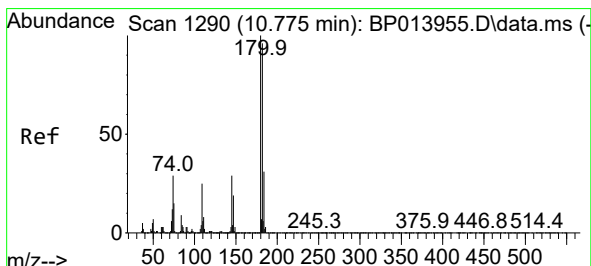
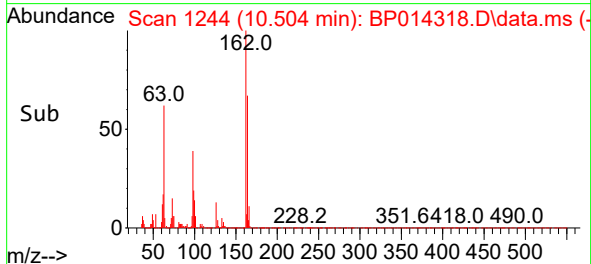
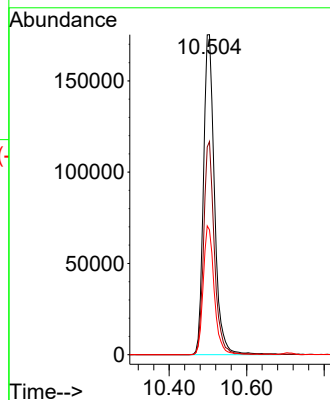
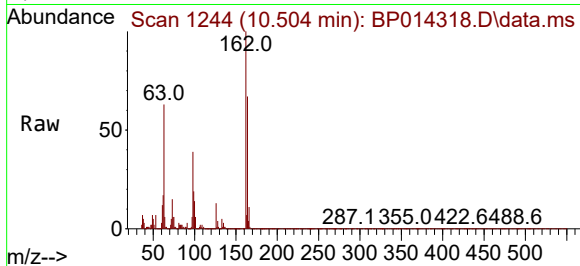
Tgt Ion:162 Resp: 346790

Ion Ratio Lower Upper

162 100

164 66.6 44.7 84.7

98 39.0 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 45.719 ng

RT: 10.710 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

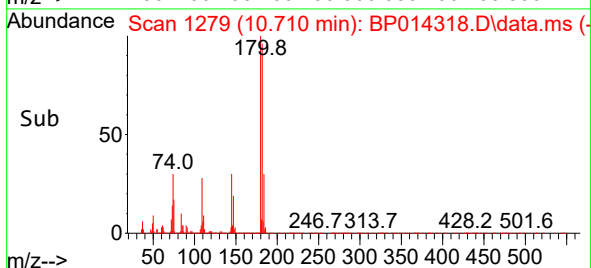
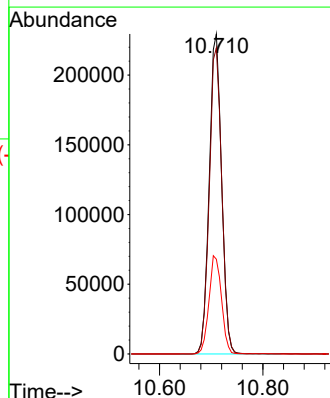
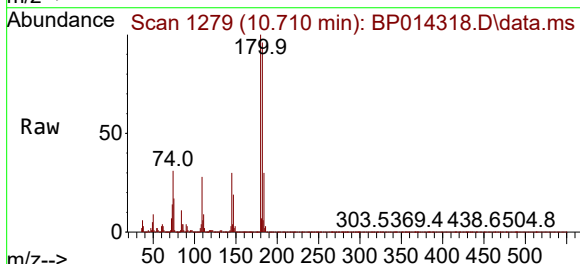
Tgt Ion:180 Resp: 379215

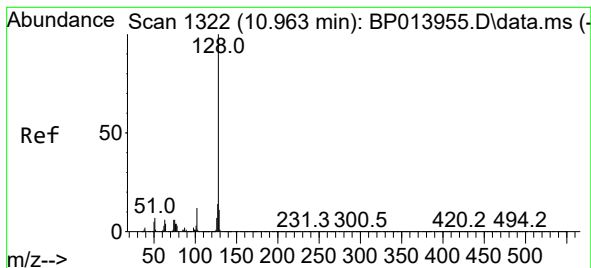
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

145 29.6 23.5 35.3





#31

Naphthalene

Concen: 47.519 ng

RT: 10.898 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

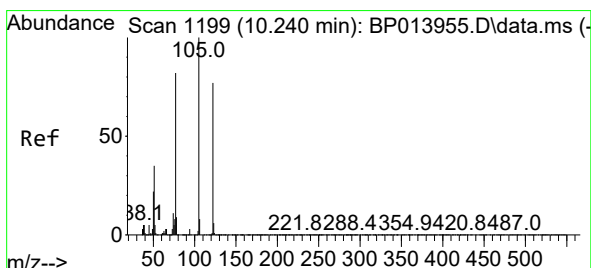
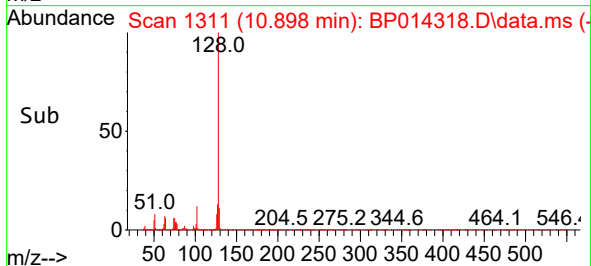
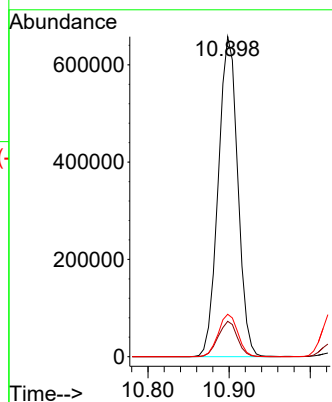
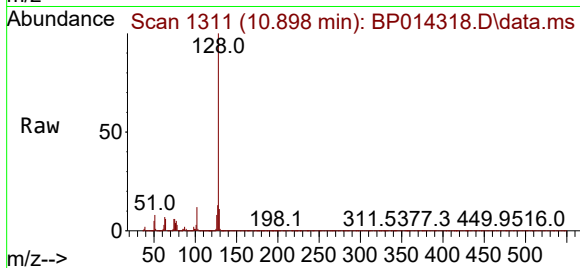
Tgt Ion:128 Resp: 1100657

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.3 11.2 16.8



#32

Benzoic acid

Concen: 39.038 ng

RT: 10.175 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

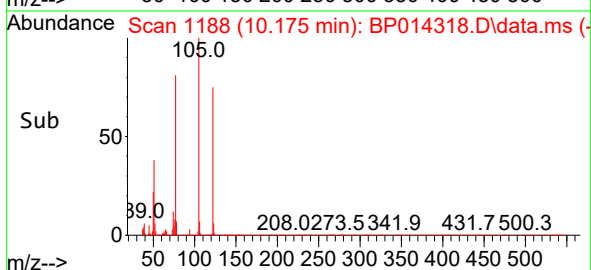
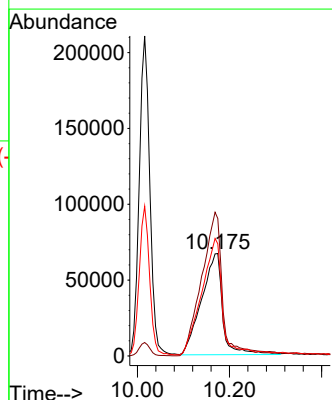
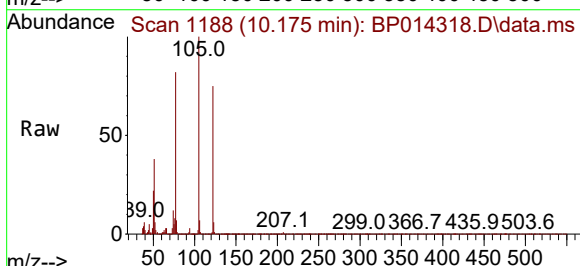
Tgt Ion:122 Resp: 212961

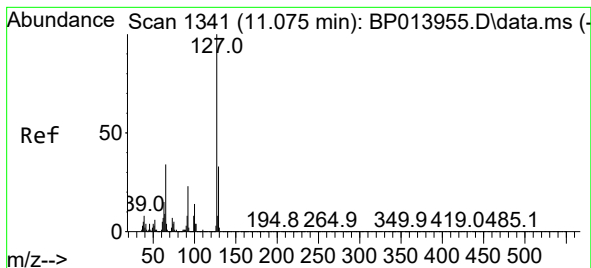
Ion Ratio Lower Upper

122 100

105 134.1 108.2 148.2

77 109.4 85.2 125.2





#33

4-Chloroaniline

Concen: 24.866 ng

RT: 11.028 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:127 Resp: 246898

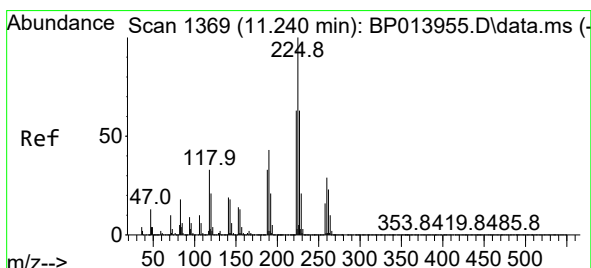
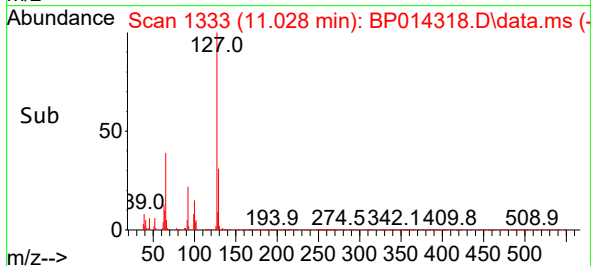
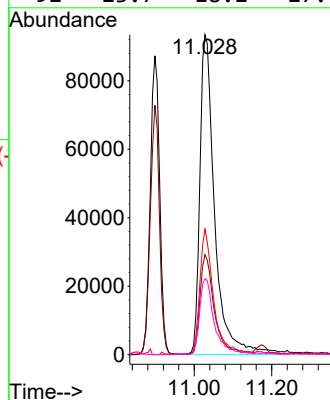
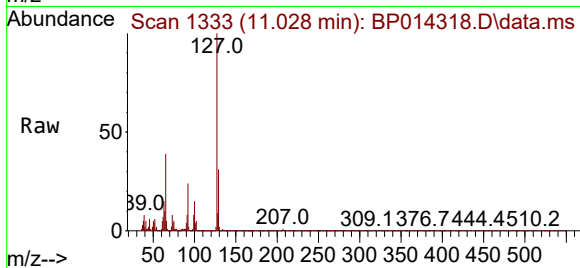
Ion Ratio Lower Upper

127 100

129 31.3 26.2 39.2

65 39.2 27.0 40.4

92 23.7 18.2 27.4



#34

Hexachlorobutadiene

Concen: 42.358 ng

RT: 11.175 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

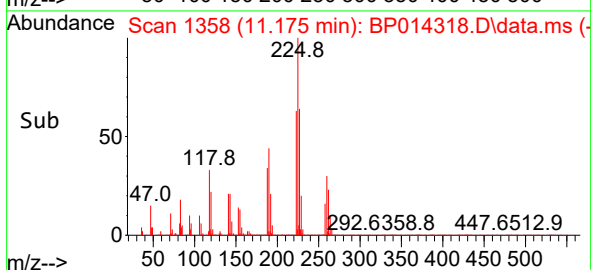
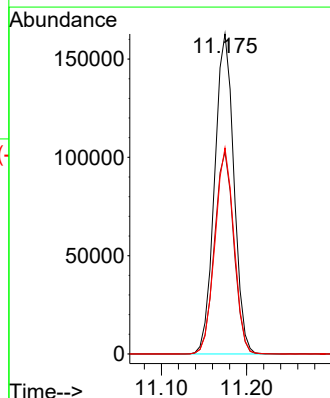
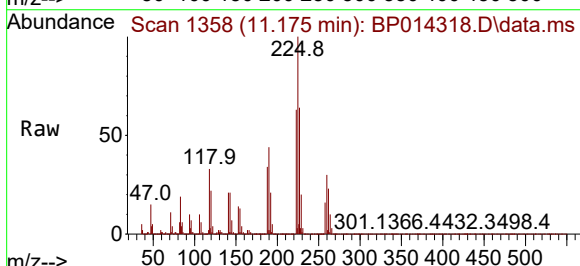
Tgt Ion:225 Resp: 255436

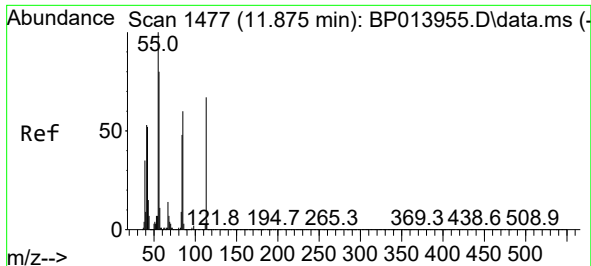
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 64.4 50.2 75.4

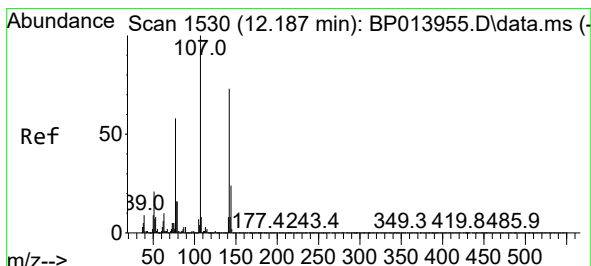
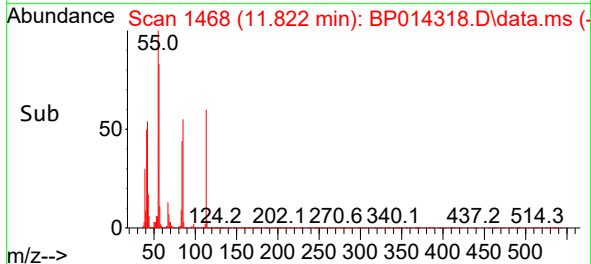
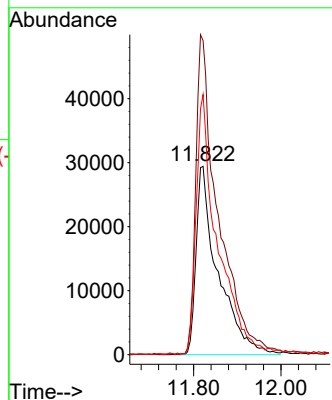
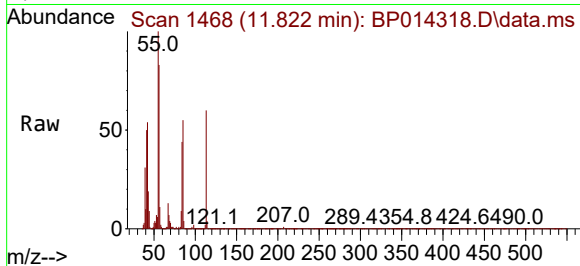




#35
Caprolactam
Concen: 49.001 ng
RT: 11.822 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

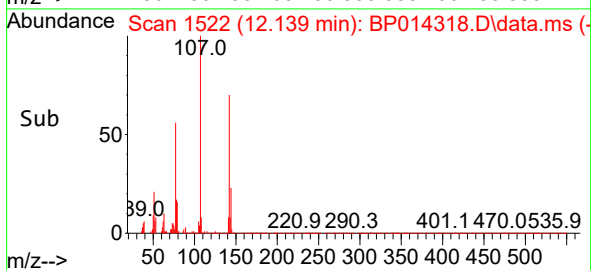
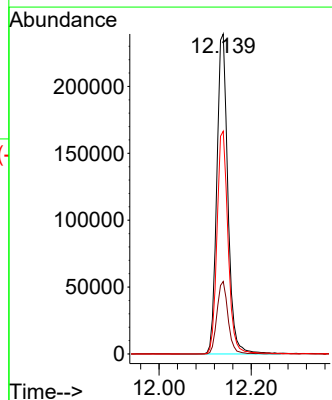
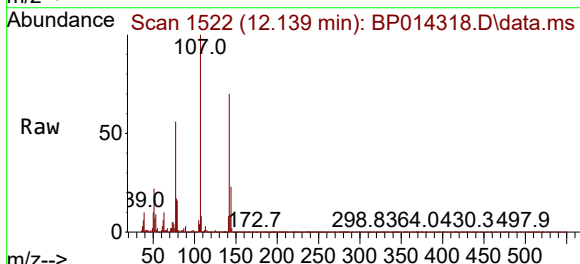
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

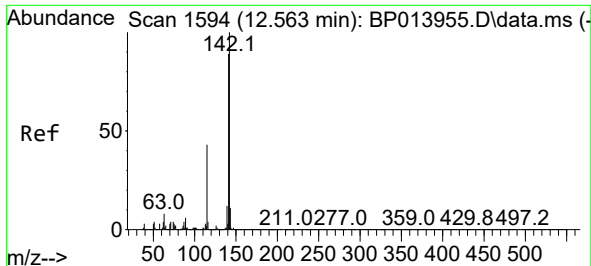
Tgt Ion:113 Resp: 102473
Ion Ratio Lower Upper
113 100
55 166.7 128.9 168.9
56 138.1 99.6 139.6



#36
4-Chloro-3-methylphenol
Concen: 48.834 ng
RT: 12.139 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:107 Resp: 397896
Ion Ratio Lower Upper
107 100
144 22.7 19.3 28.9
142 69.6 58.5 87.7

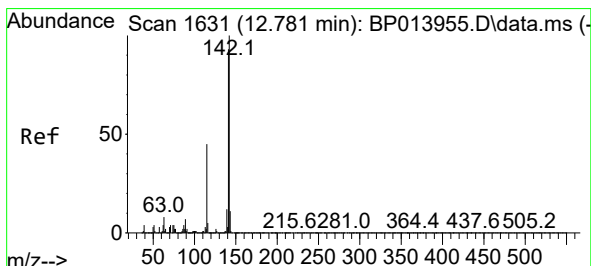
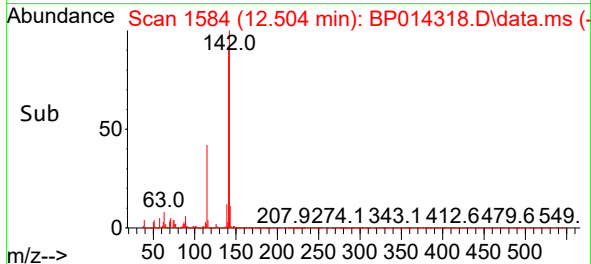
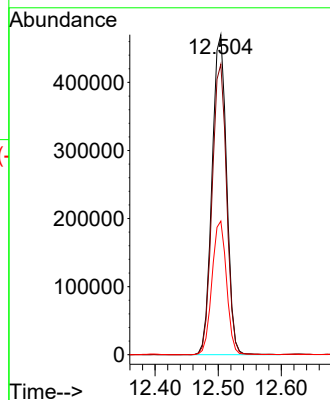
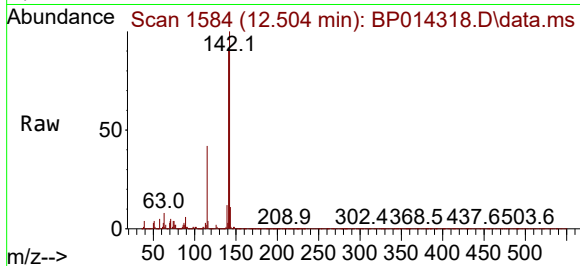




#37
2-Methylnaphthalene
Concen: 44.046 ng
RT: 12.504 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

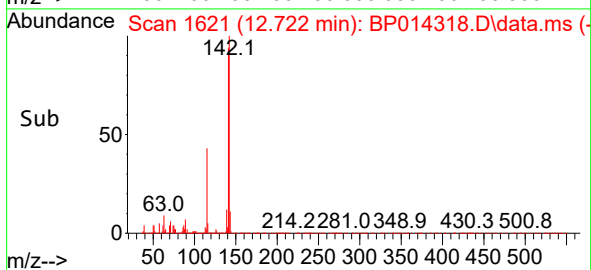
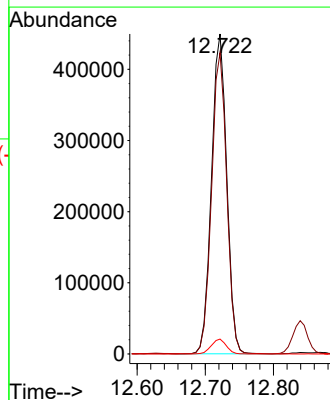
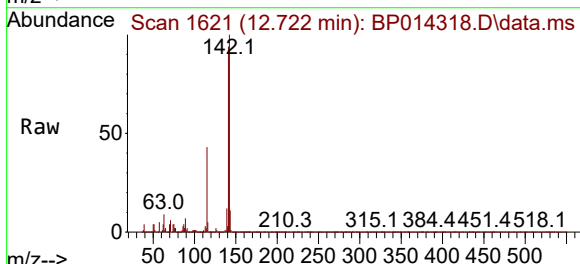
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

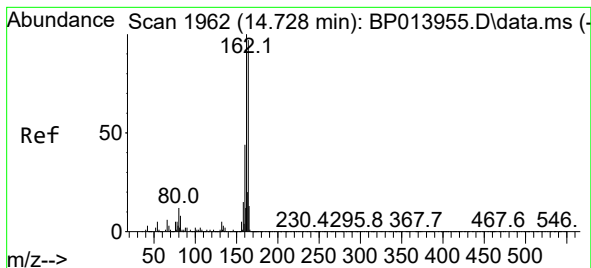
Tgt Ion:142 Resp: 752668
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.4
115 41.8 34.5 51.7



#38
1-Methylnaphthalene
Concen: 43.830 ng
RT: 12.722 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:142 Resp: 698160
Ion Ratio Lower Upper
142 100
141 94.1 74.4 111.6
116 4.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.674 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

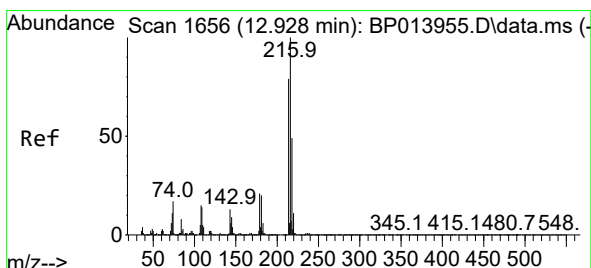
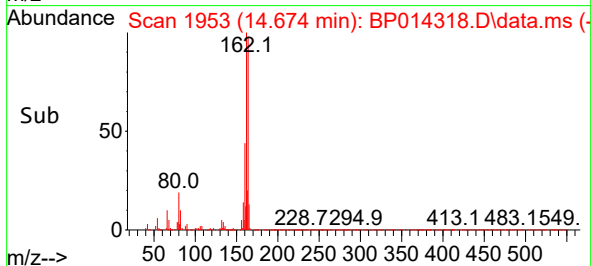
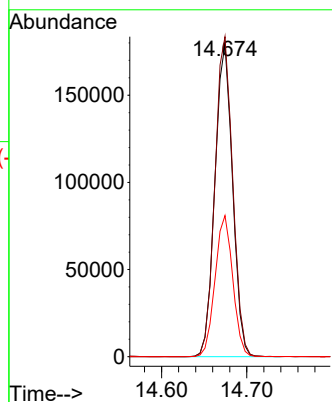
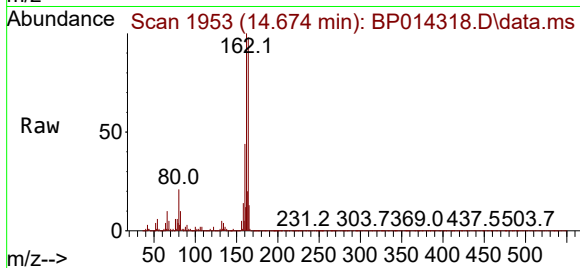
Tgt Ion:164 Resp: 257897

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

160 45.1 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.411 ng

RT: 12.869 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Tgt Ion:216 Resp: 436572

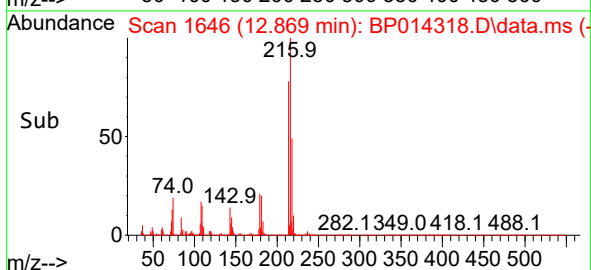
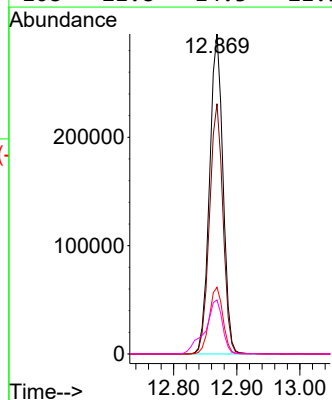
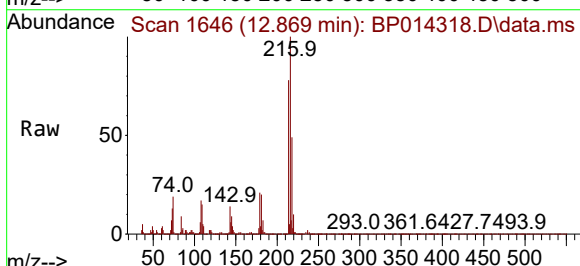
Ion Ratio Lower Upper

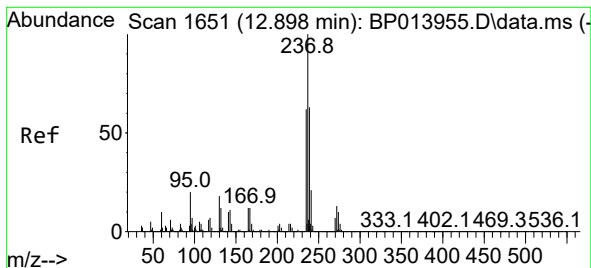
216 100

214 78.5 62.2 93.2

179 21.2 16.6 24.8

108 21.8 14.3 21.5#





#41

Hexachlorocyclopentadiene

Concen: 99.786 ng

RT: 12.839 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

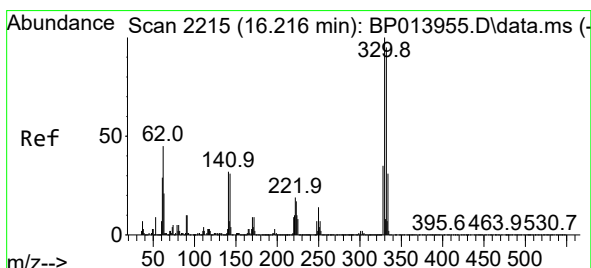
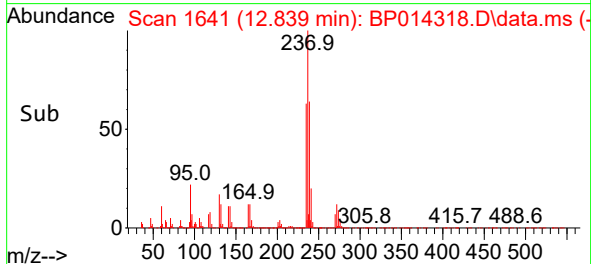
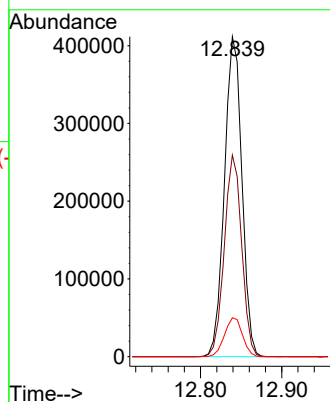
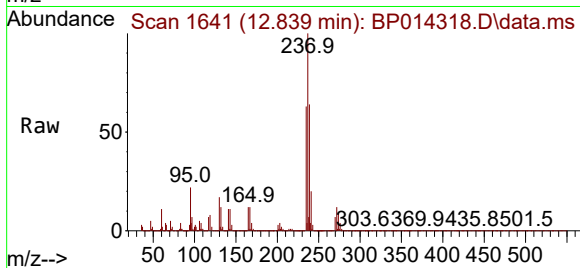
Tgt Ion:237 Resp: 615603

Ion Ratio Lower Upper

237 100

235 63.0 41.9 81.9

272 12.1 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 97.071 ng

RT: 16.168 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

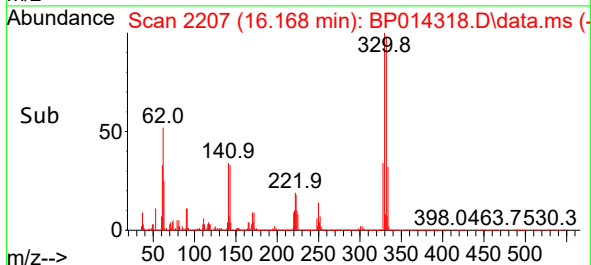
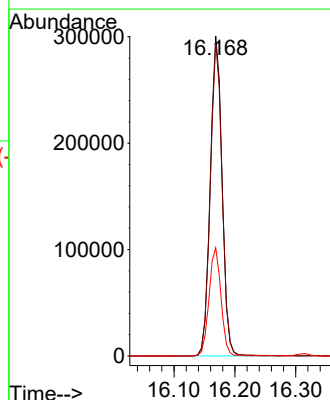
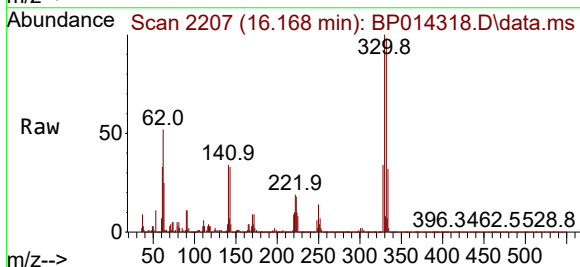
Tgt Ion:330 Resp: 405893

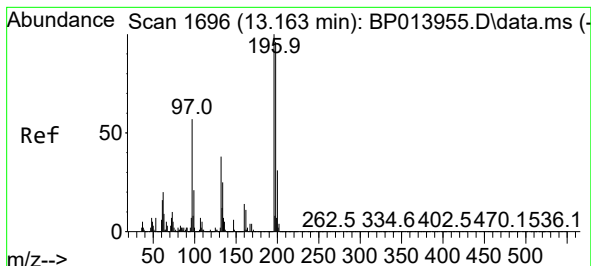
Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 34.2 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 45.641 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

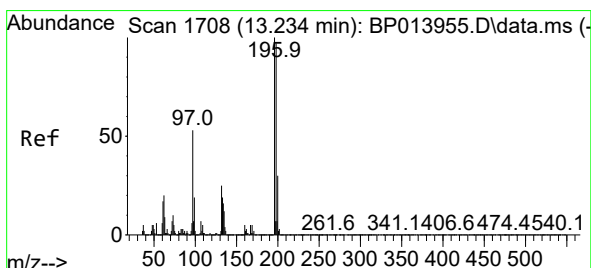
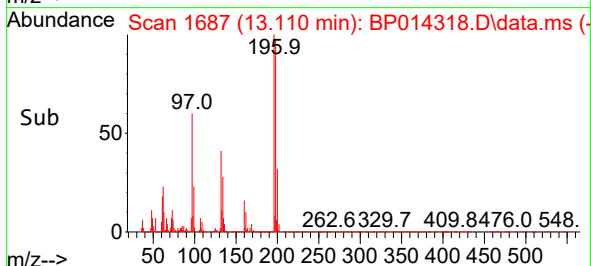
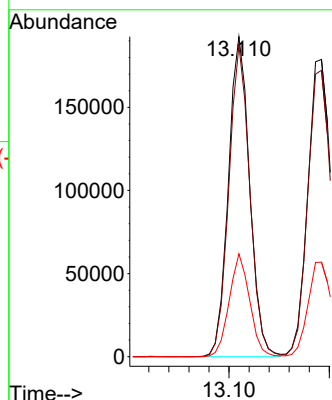
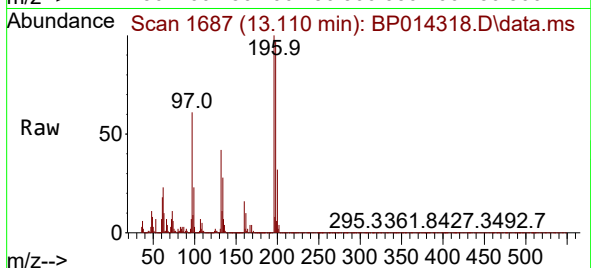
Tgt Ion:196 Resp: 283603

Ion Ratio Lower Upper

196 100

198 97.2 76.7 115.1

200 32.2 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 42.549 ng

RT: 13.192 min Scan# 1701

Delta R.T. 0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Tgt Ion:196 Resp: 306367

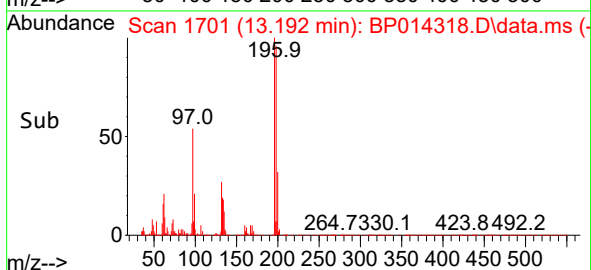
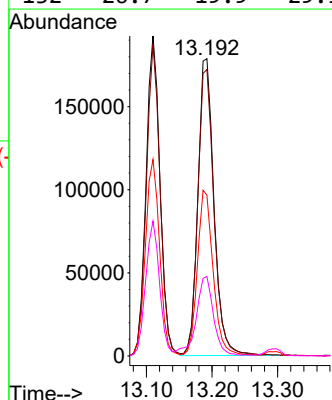
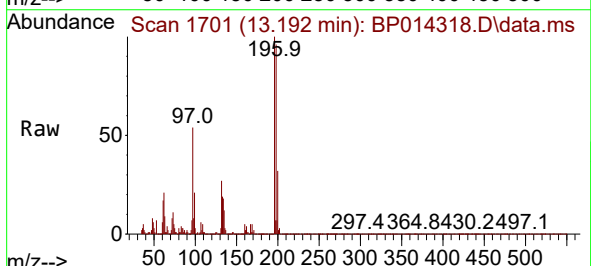
Ion Ratio Lower Upper

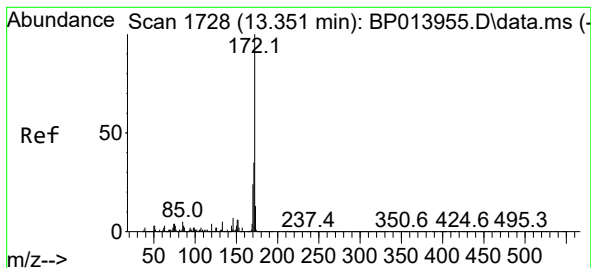
196 100

198 96.3 77.5 116.3

97 54.1 42.6 64.0

132 26.7 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 68.863 ng

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

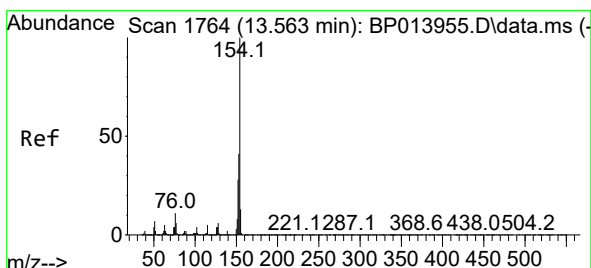
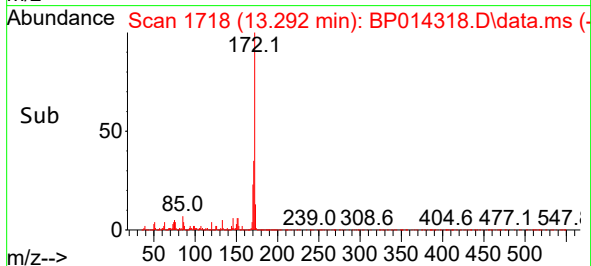
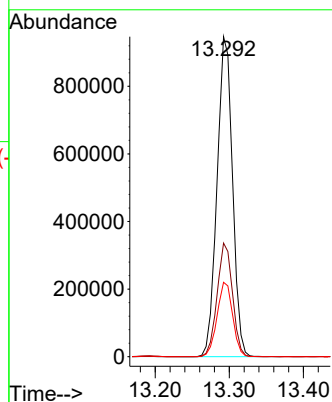
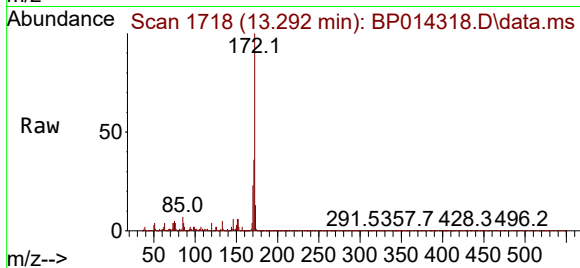
Tgt Ion:172 Resp: 1370779

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.325 ng

RT: 13.504 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

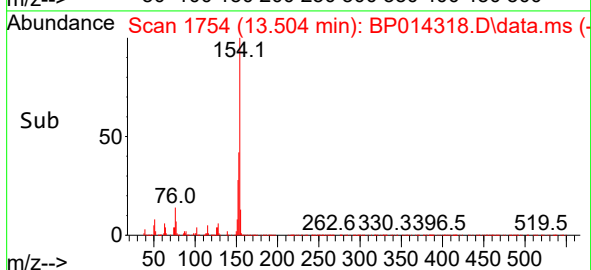
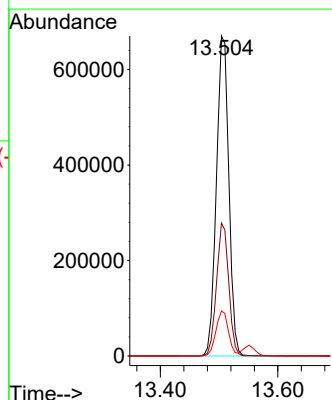
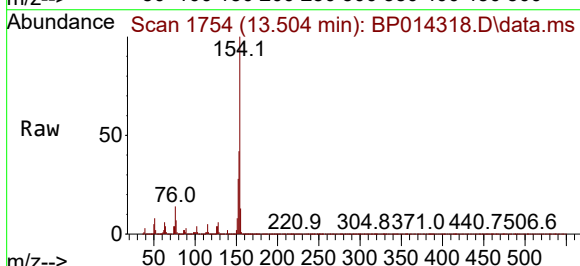
Tgt Ion:154 Resp: 982413

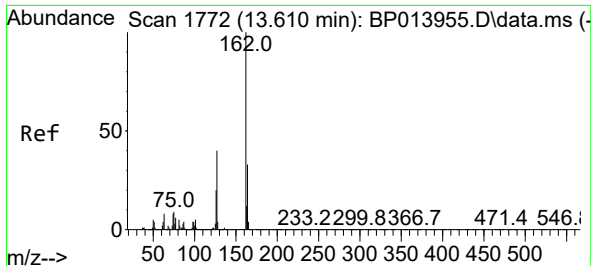
Ion Ratio Lower Upper

154 100

153 41.5 21.0 61.0

76 14.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.244 ng

RT: 13.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

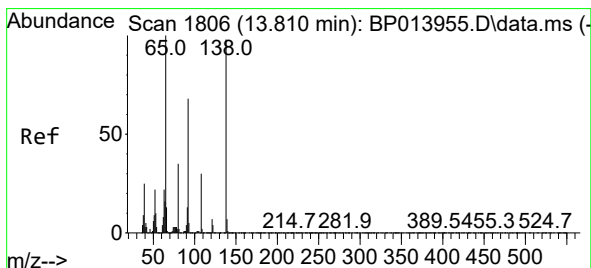
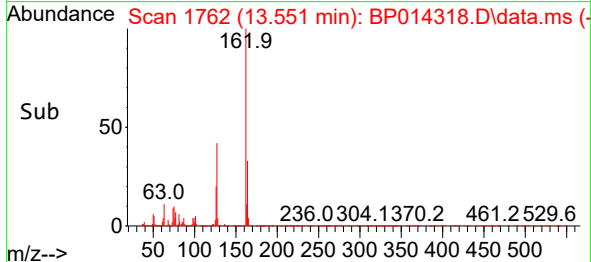
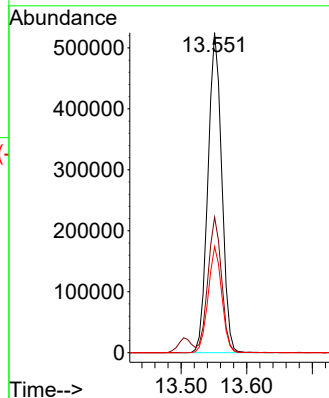
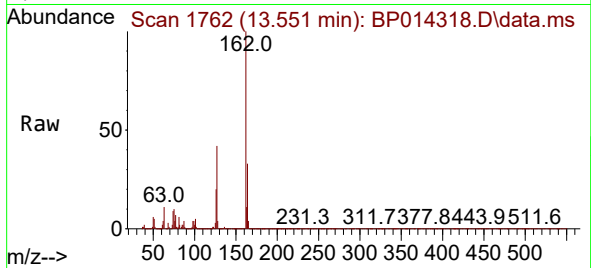
Tgt Ion:162 Resp: 770947

Ion Ratio Lower Upper

162 100

127 42.3 32.5 48.7

164 33.2 26.3 39.5



#48

2-Nitroaniline

Concen: 53.835 ng

RT: 13.763 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

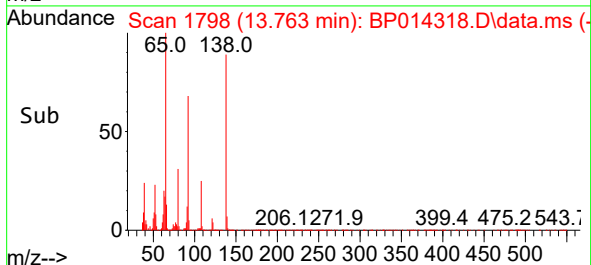
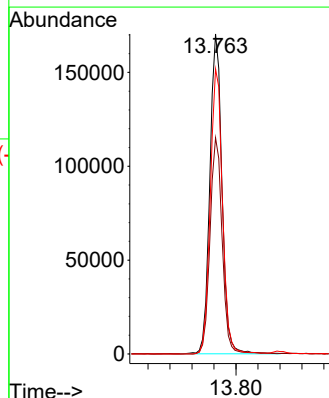
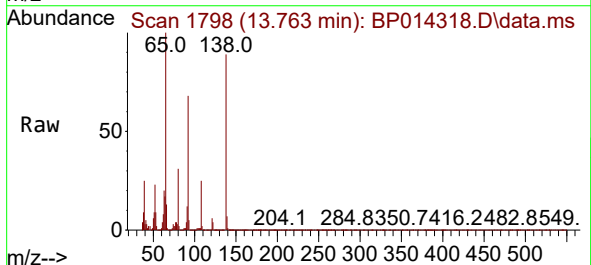
Tgt Ion: 65 Resp: 261087

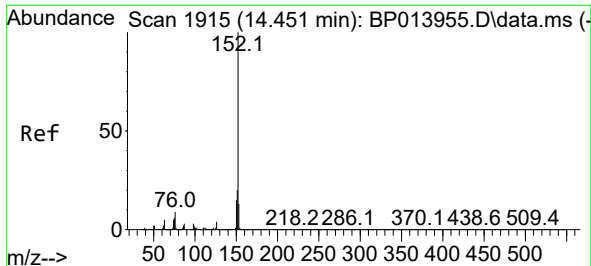
Ion Ratio Lower Upper

65 100

92 67.5 54.4 81.6

138 89.0 78.0 117.0

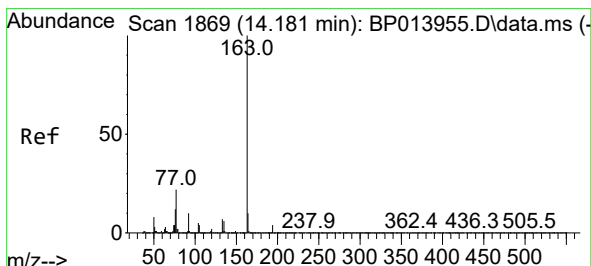
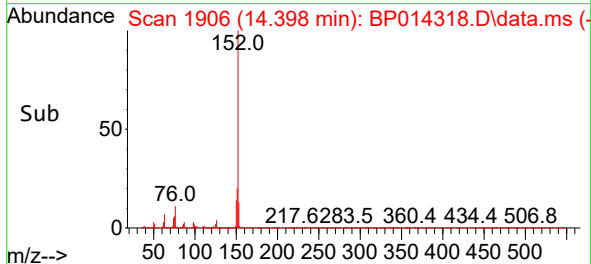
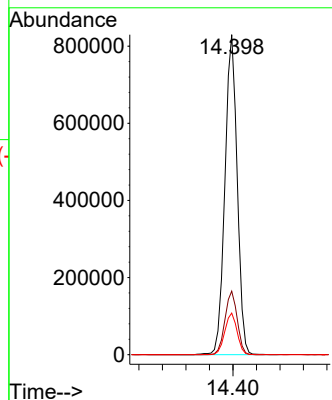
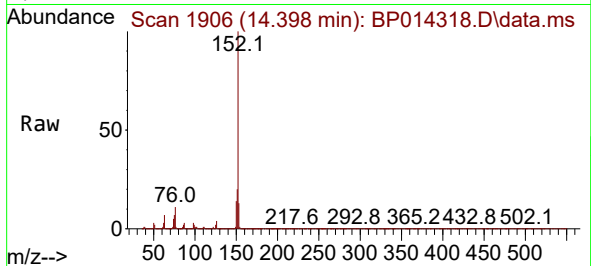




#49
Acenaphthylene
Concen: 47.262 ng
RT: 14.398 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

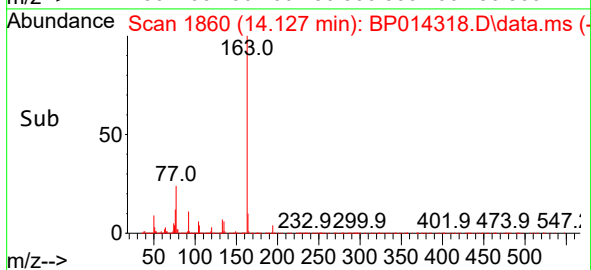
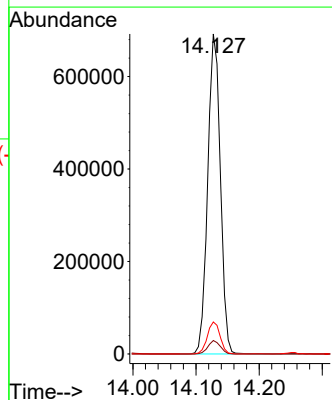
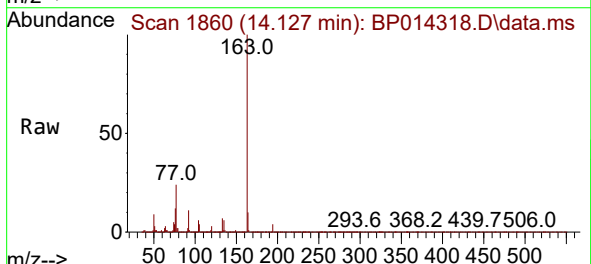
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

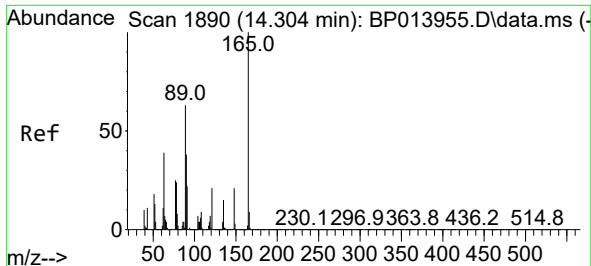
Tgt Ion:152 Resp: 1201075
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 45.116 ng
RT: 14.127 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:163 Resp: 959889
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 8.1 12.1

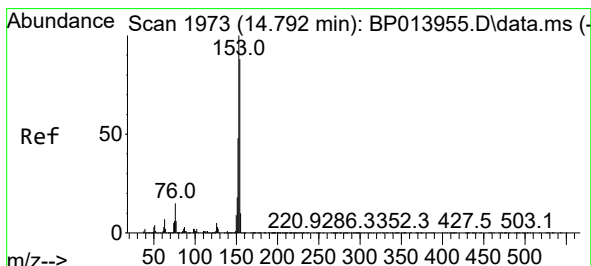
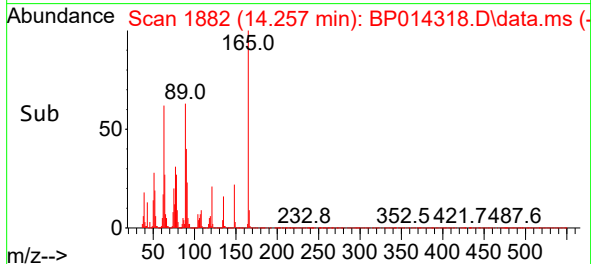
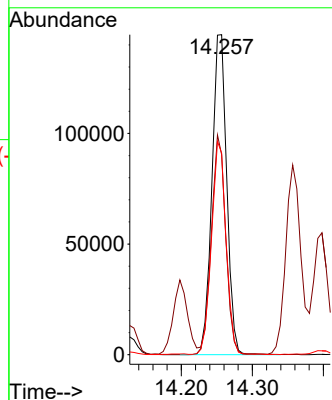
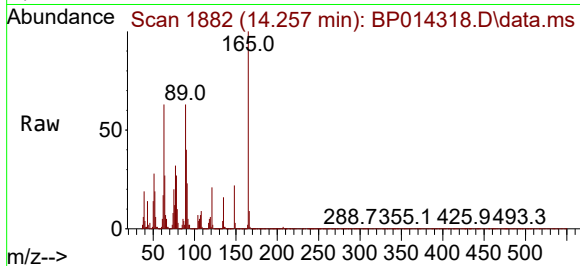




#51
2,6-Dinitrotoluene
Concen: 46.603 ng
RT: 14.257 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

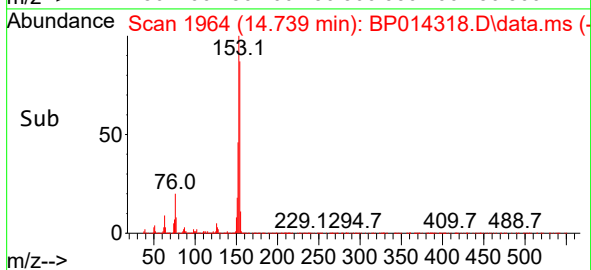
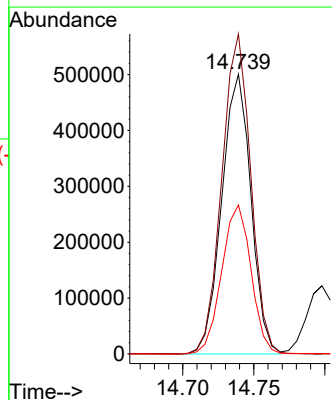
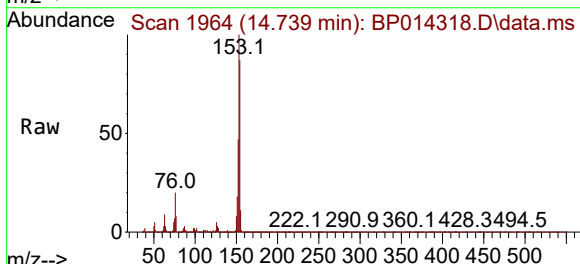
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

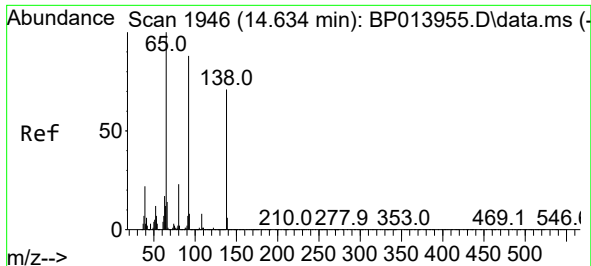
Tgt Ion:165 Resp: 208805
Ion Ratio Lower Upper
165 100
63 62.5 46.7 70.1
89 63.0 50.8 76.2



#52
Acenaphthene
Concen: 46.756 ng
RT: 14.739 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:154 Resp: 715271
Ion Ratio Lower Upper
154 100
153 114.4 91.3 136.9
152 53.3 43.4 65.0

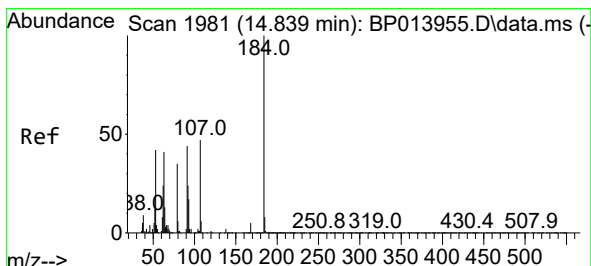
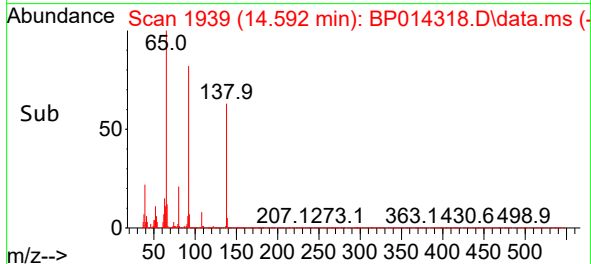
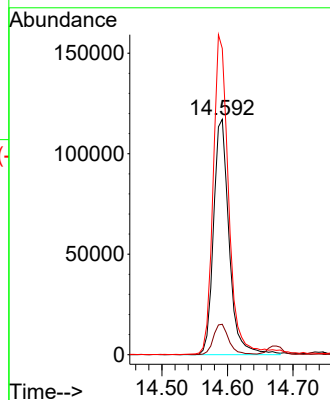
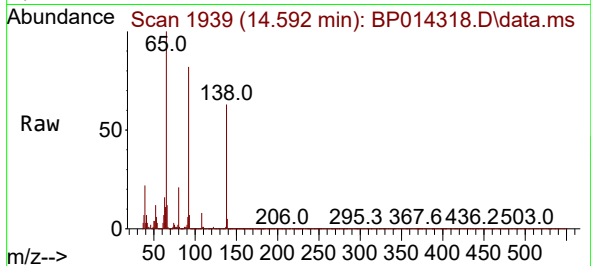




#53
3-Nitroaniline
Concen: 43.878 ng
RT: 14.592 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

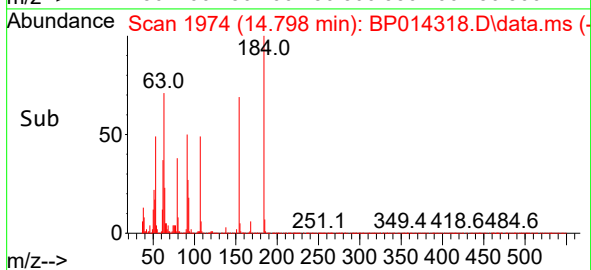
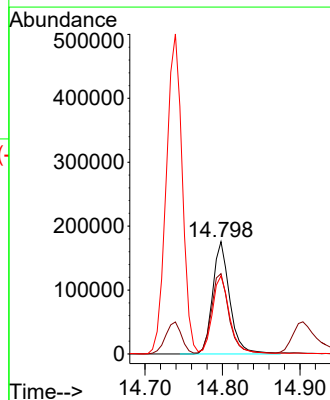
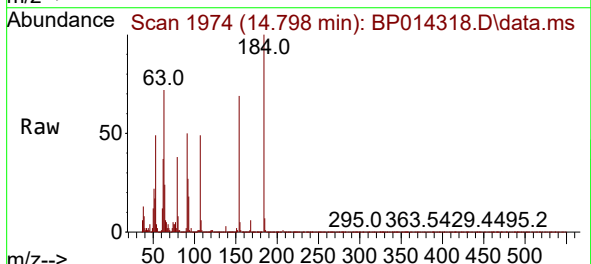
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

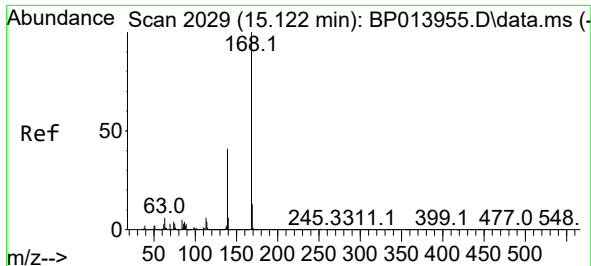
Tgt Ion:138 Resp: 192668
Ion Ratio Lower Upper
138 100
108 12.9 9.5 14.3
92 130.1 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 81.129 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:184 Resp: 269669
Ion Ratio Lower Upper
184 100
63 71.6 52.4 78.6
154 69.5 59.4 89.2

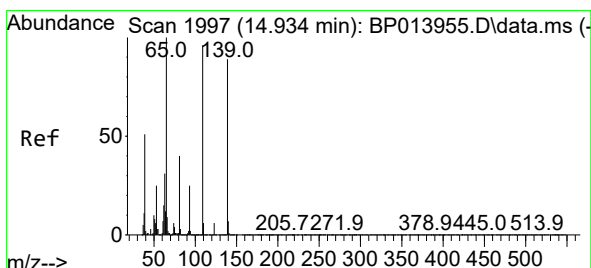
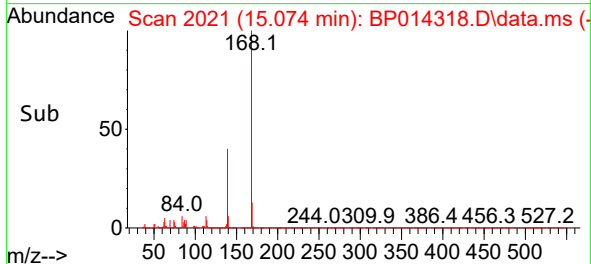
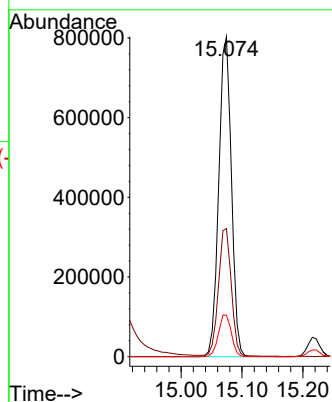
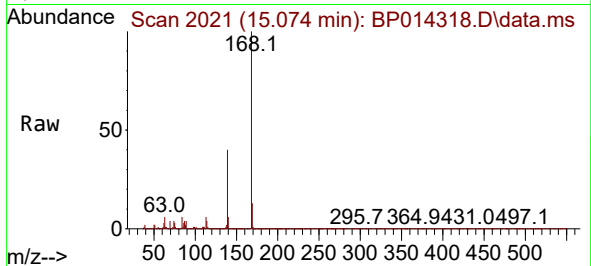




#55
Dibenzenofuran
Concen: 46.228 ng
RT: 15.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

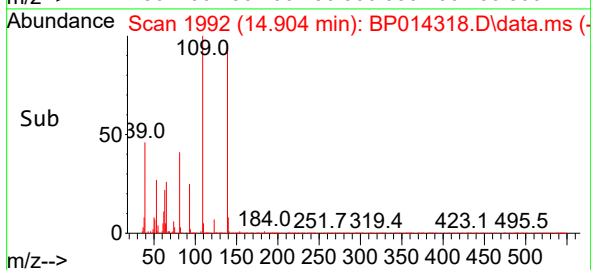
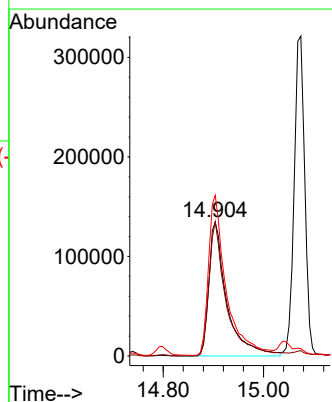
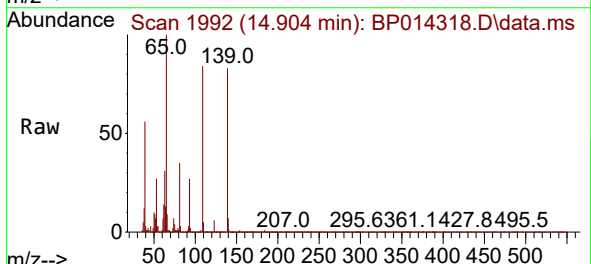
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

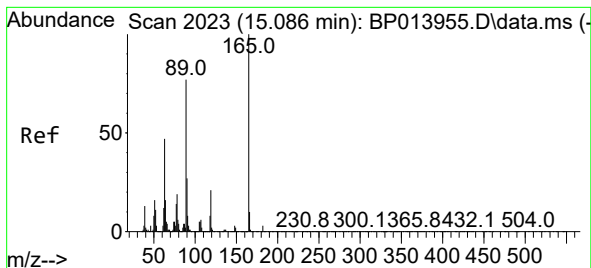
Tgt Ion:168 Resp: 1152912
Ion Ratio Lower Upper
168 100
139 40.0 32.9 49.3
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 93.556 ng
RT: 14.904 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:139 Resp: 334521
Ion Ratio Lower Upper
139 100
109 100.5 87.0 127.0
65 120.2 92.1 132.1

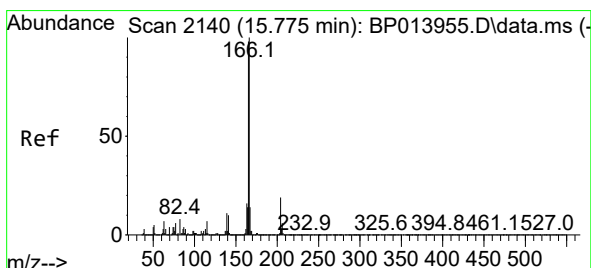
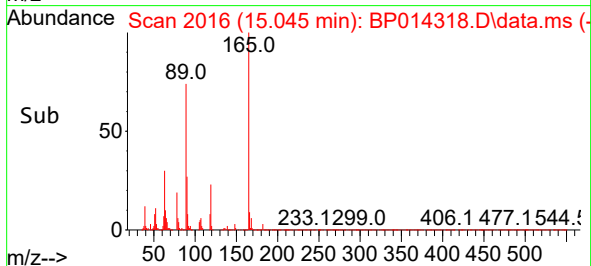
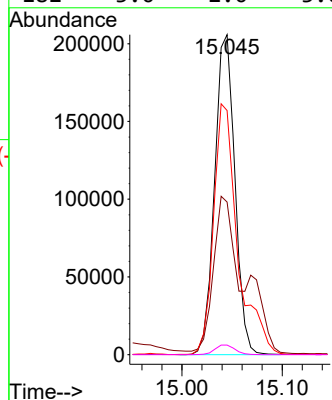
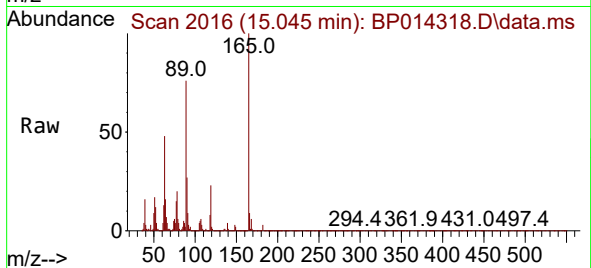




#57
2,4-Dinitrotoluene
Concen: 48.139 ng
RT: 15.045 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

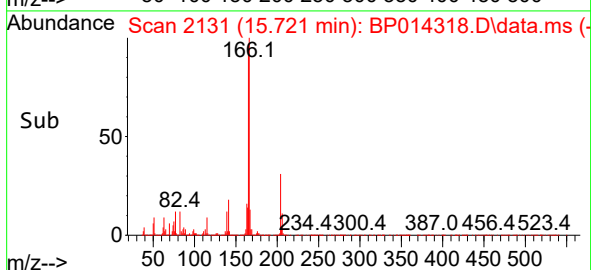
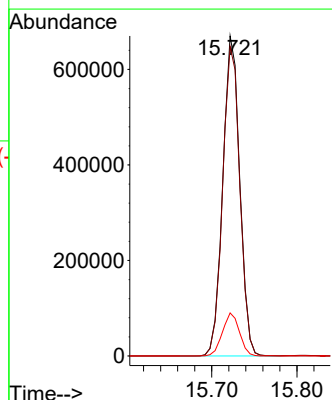
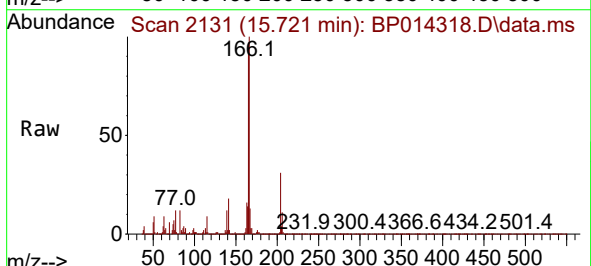
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

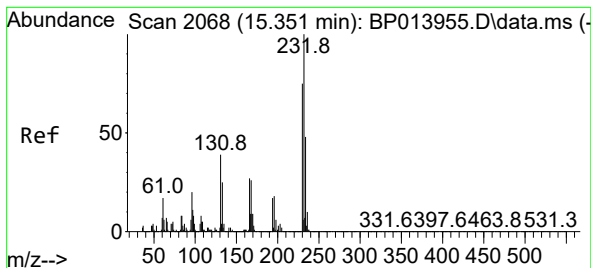
Tgt Ion:165 Resp: 288315
Ion Ratio Lower Upper
165 100
63 47.7 37.5 56.3
89 76.3 61.8 92.8
182 3.0 2.0 3.0



#58
Fluorene
Concen: 46.731 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:166 Resp: 925420
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.5 10.8 16.2

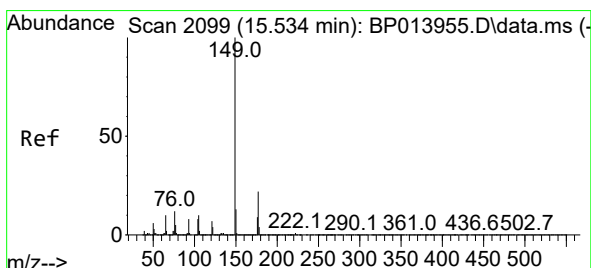
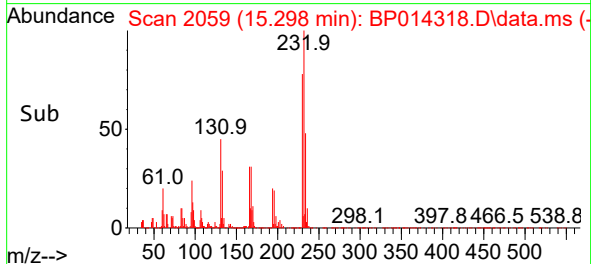
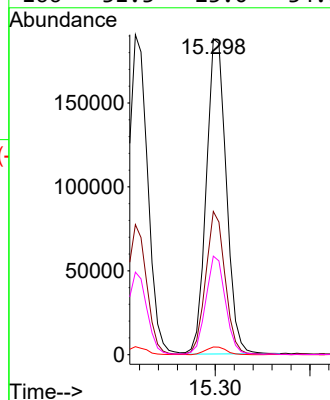
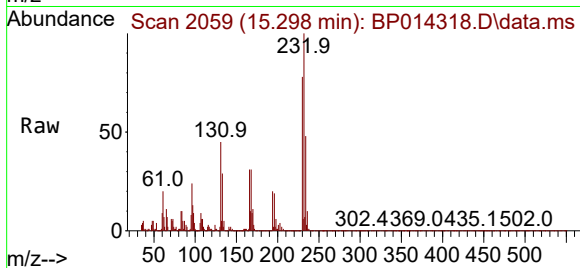




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.668 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

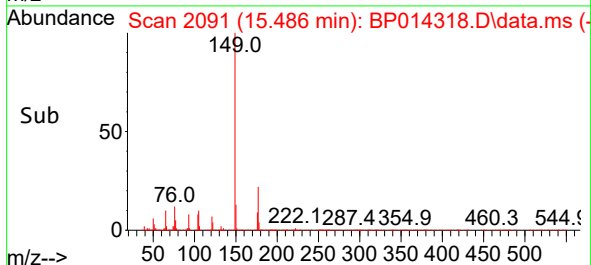
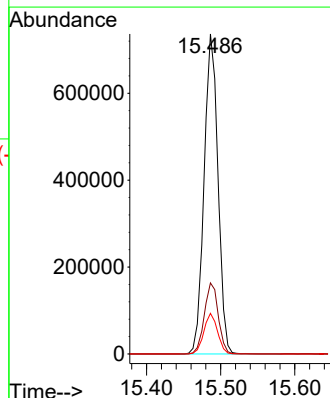
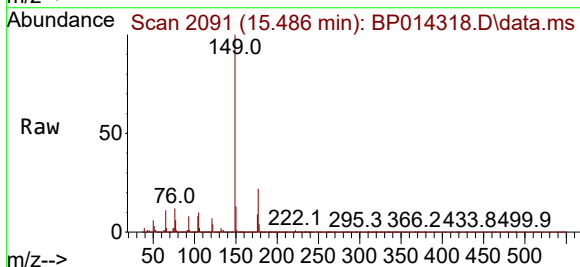
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

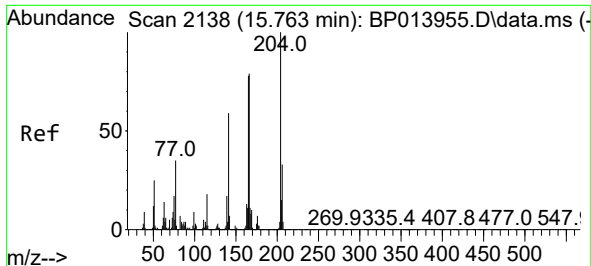
Tgt Ion:232 Resp: 274300
Ion Ratio Lower Upper
232 100
131 43.9 32.5 48.7
130 2.5 1.9 2.9
166 31.3 23.0 34.6



#60
Diethylphthalate
Concen: 45.683 ng
RT: 15.486 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:149 Resp: 959651
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.7 10.3 15.5

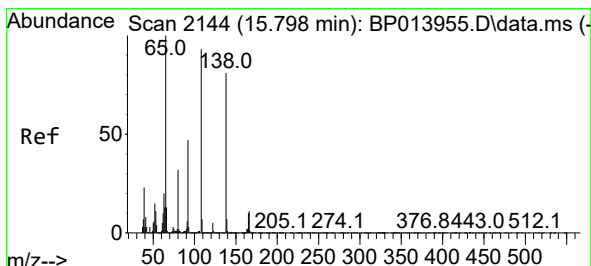
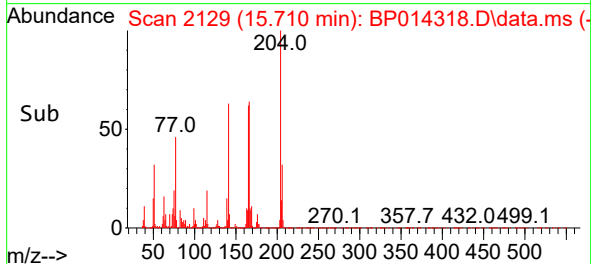
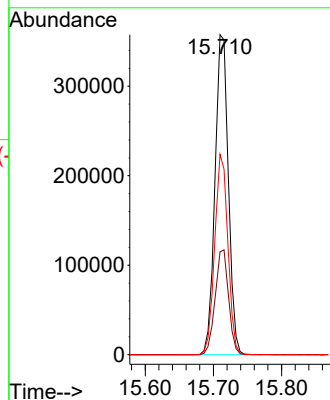
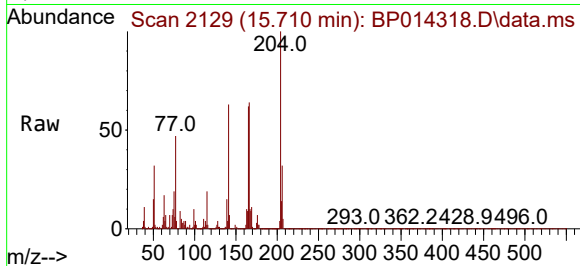




#61
4-Chlorophenyl-phenylether
Concen: 43.451 ng
RT: 15.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

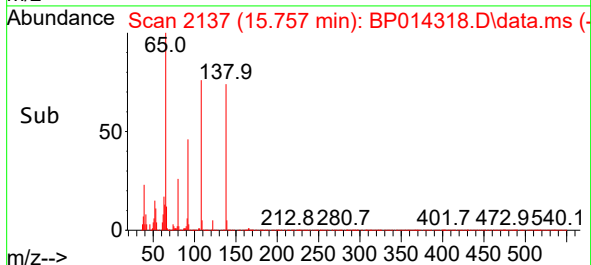
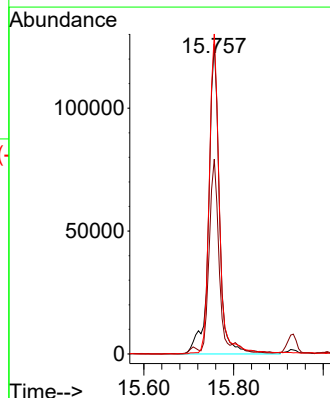
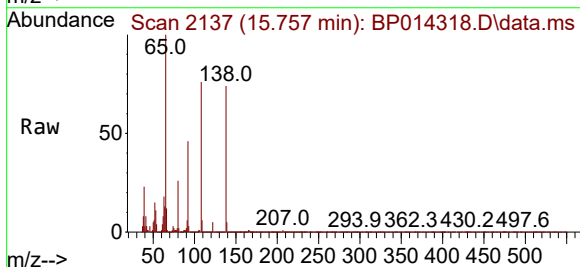
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

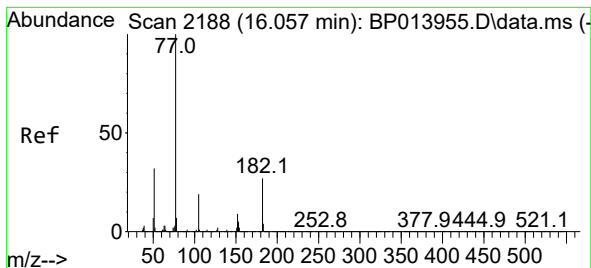
Tgt Ion:204 Resp: 487785
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 62.6 46.9 70.3



#62
4-Nitroaniline
Concen: 48.224 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:138 Resp: 210847
Ion Ratio Lower Upper
138 100
92 62.9 37.9 77.9
108 103.2 94.9 134.9





#63

Azobenzene

Concen: 52.628 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion: 77 Resp: 1022992

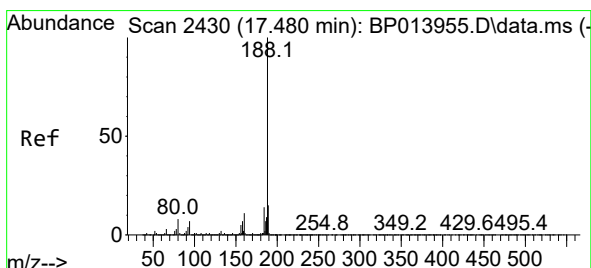
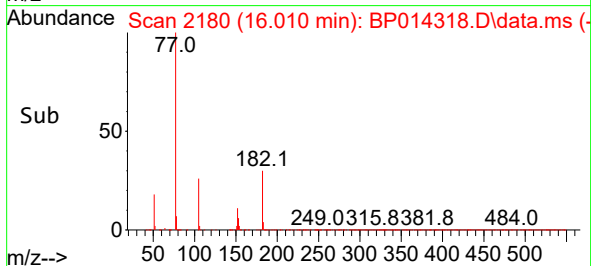
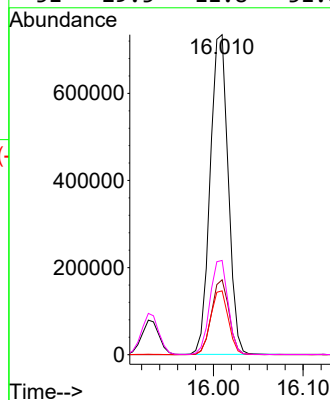
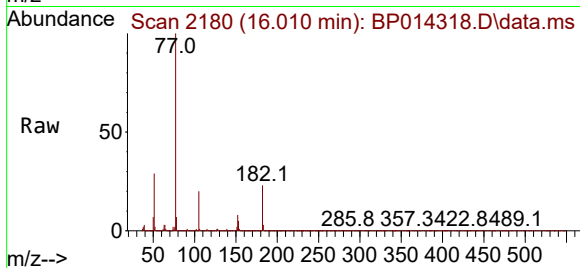
Ion Ratio Lower Upper

77 100

182 23.4 6.9 46.9

105 19.9 0.0 39.4

51 29.5 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

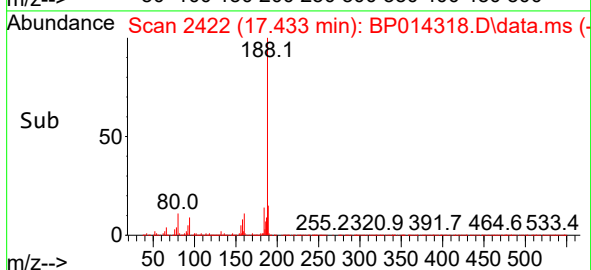
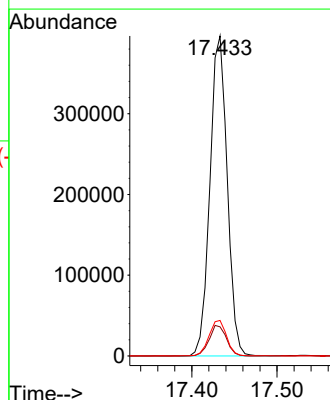
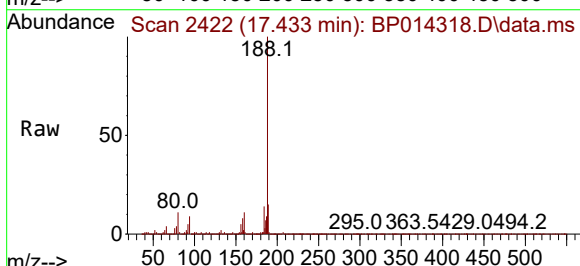
Tgt Ion:188 Resp: 558256

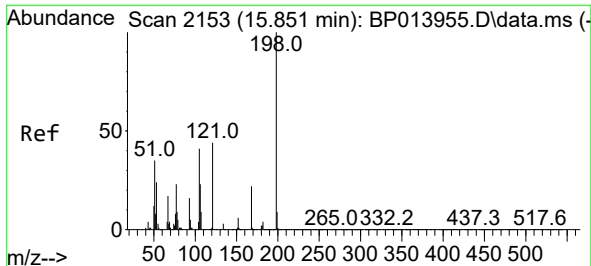
Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 11.1 6.6 9.8#

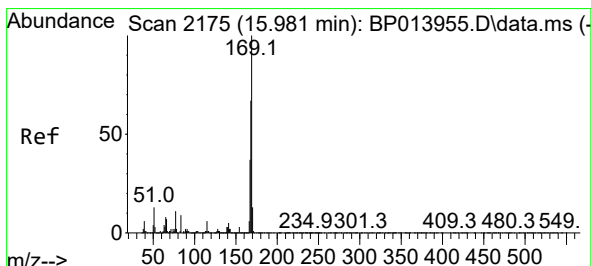
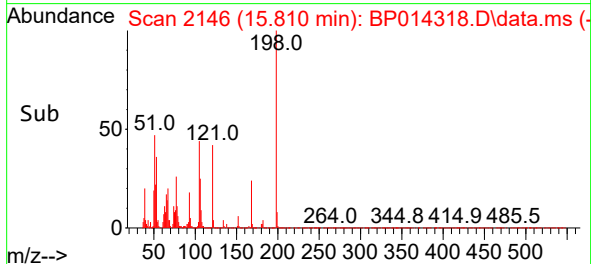
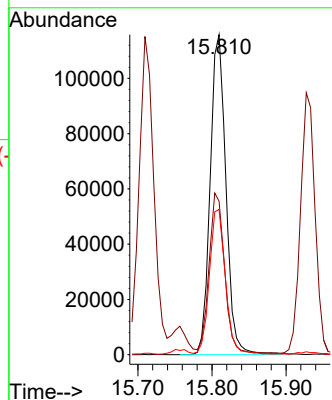
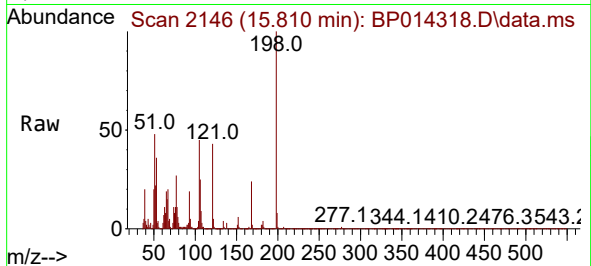




#65
4,6-Dinitro-2-methylphenol
Concen: 41.301 ng
RT: 15.810 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

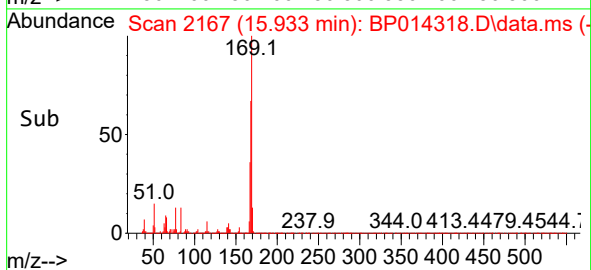
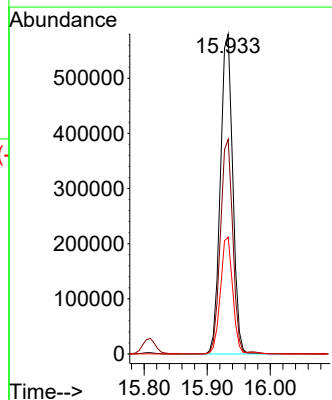
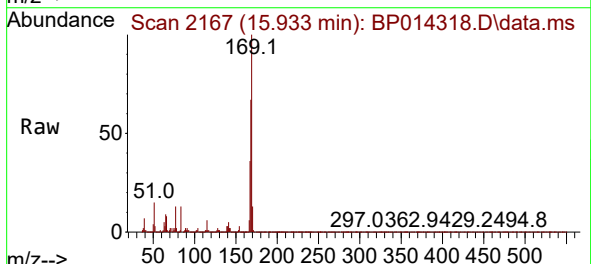
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

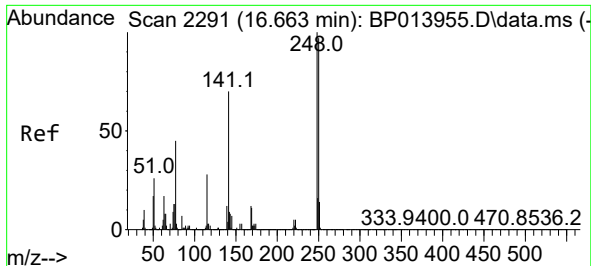
Tgt Ion:198 Resp: 170780
Ion Ratio Lower Upper
198 100
51 47.9 22.1 62.1
105 45.4 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 44.930 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:169 Resp: 792588
Ion Ratio Lower Upper
169 100
168 67.1 54.0 81.0
167 36.5 29.4 44.2

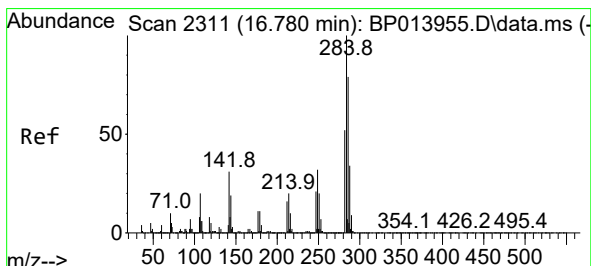
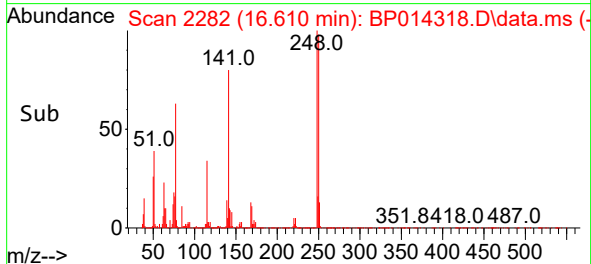
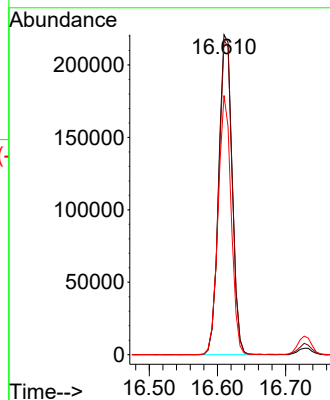
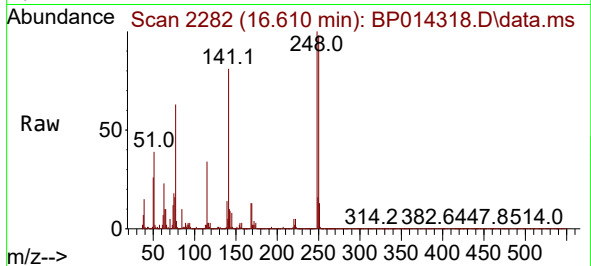




#67
4-Bromophenyl-phenylether
Concen: 41.061 ng
RT: 16.610 min Scan# 210
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

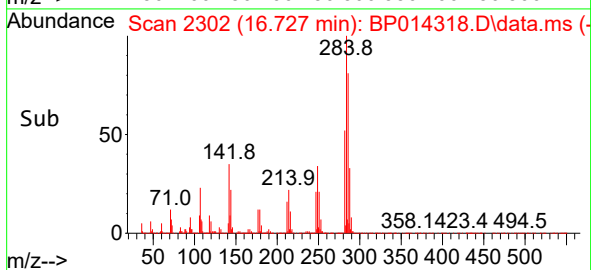
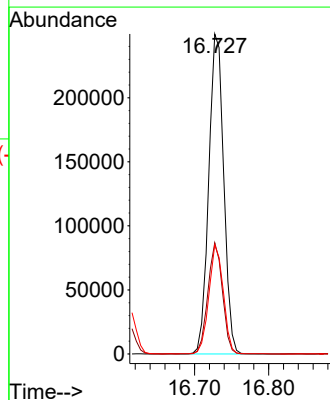
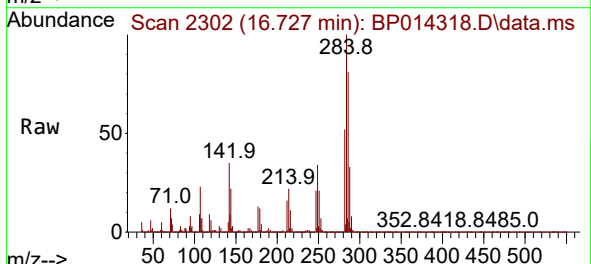
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

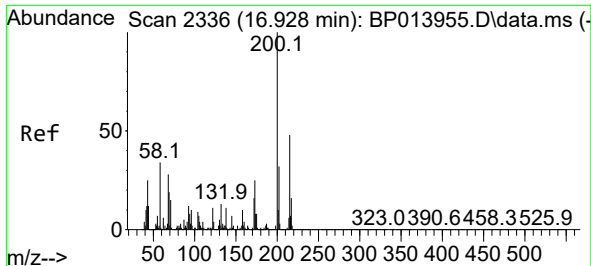
Tgt Ion:248 Resp: 303205
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 81.0 56.0 84.0



#68
Hexachlorobenzene
Concen: 44.200 ng
RT: 16.727 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:284 Resp: 349846
Ion Ratio Lower Upper
284 100
142 34.7 24.8 37.2
249 34.1 25.7 38.5

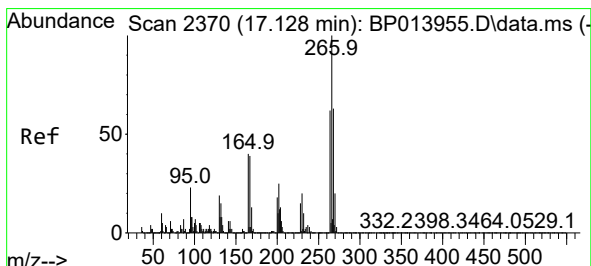
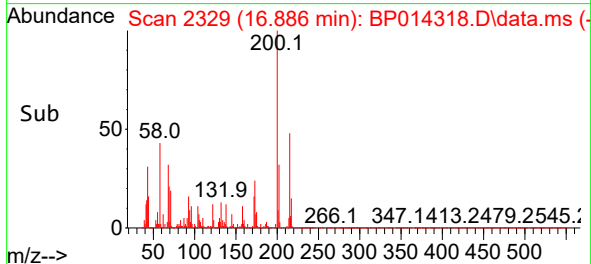
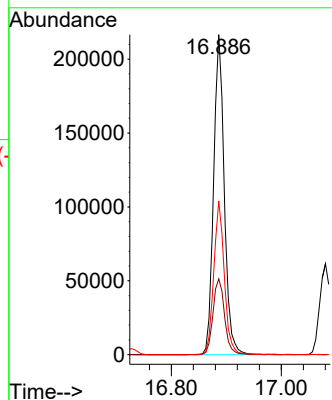
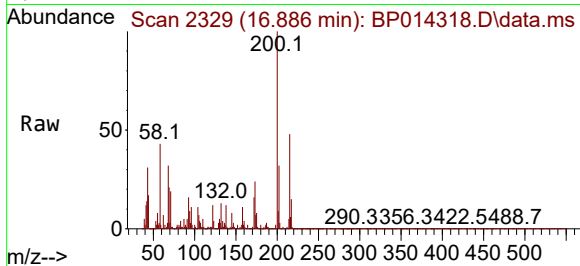




#69
 Atrazine
 Concen: 47.135 ng
 RT: 16.886 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

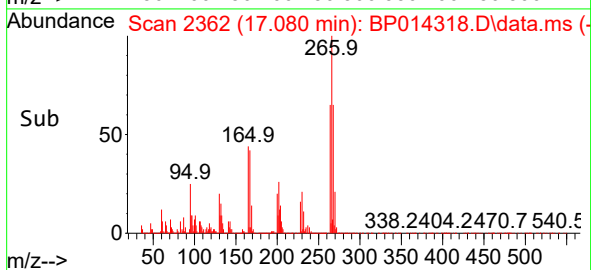
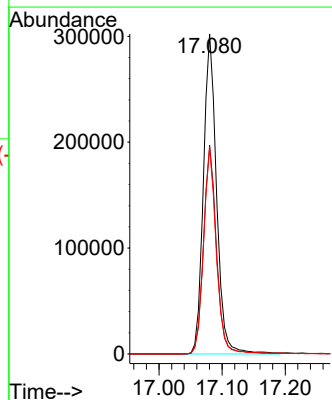
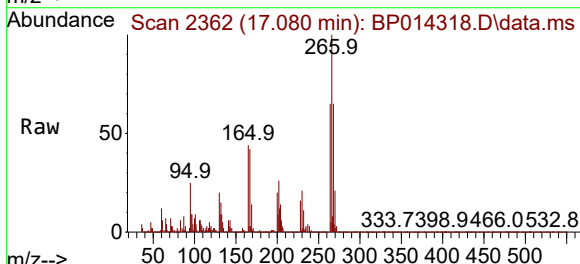
Instrument :
 BNA_P
 ClientSampleId :
 PB151659BSD

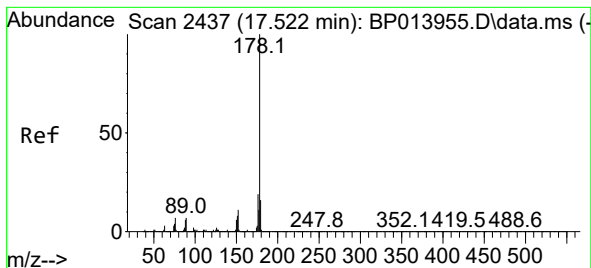
Tgt Ion:200 Resp: 291928
 Ion Ratio Lower Upper
 200 100
 173 23.7 5.5 45.5
 215 48.0 27.9 67.9



#70
 Pentachlorophenol
 Concen: 76.753 ng
 RT: 17.080 min Scan# 2362
 Delta R.T. -0.006 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

Tgt Ion:266 Resp: 438137
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.4 75.6
 264 64.7 49.2 73.8





#71

Phenanthrene

Concen: 45.705 ng

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

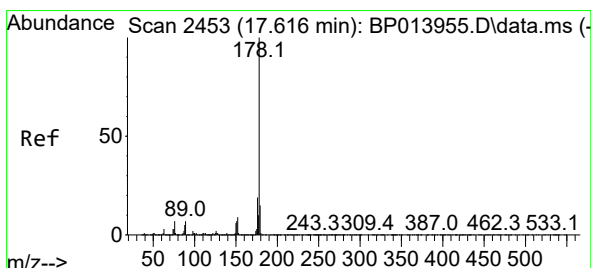
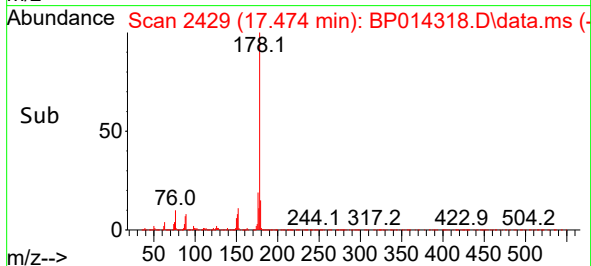
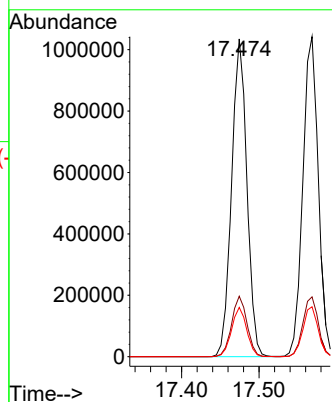
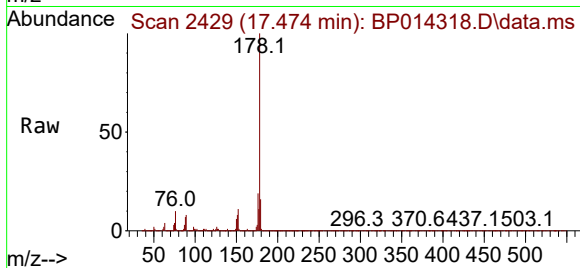
Tgt Ion:178 Resp: 1425397

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.6 19.0



#72

Anthracene

Concen: 45.439 ng

RT: 17.568 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

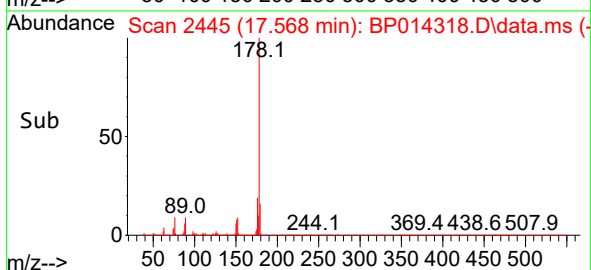
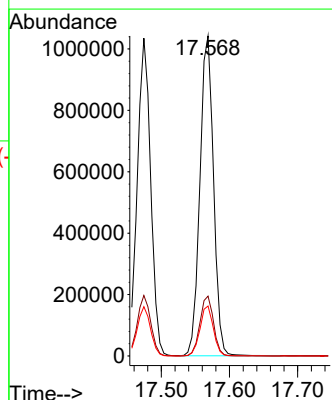
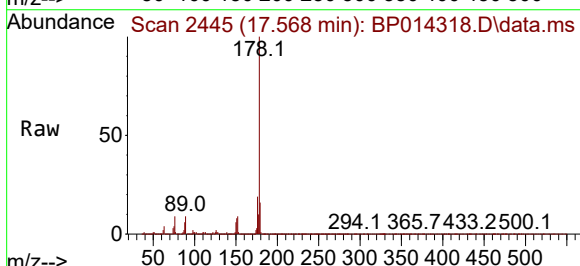
Tgt Ion:178 Resp: 1447976

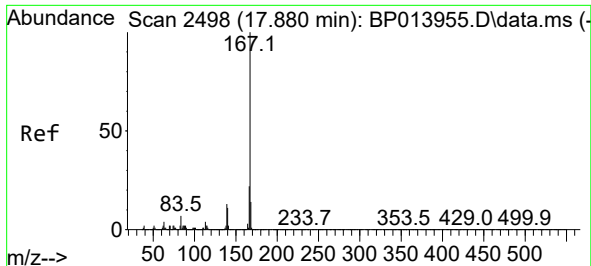
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.1 18.1

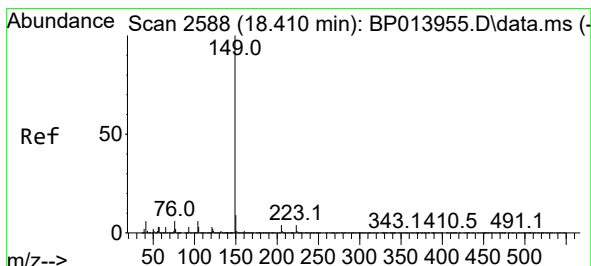
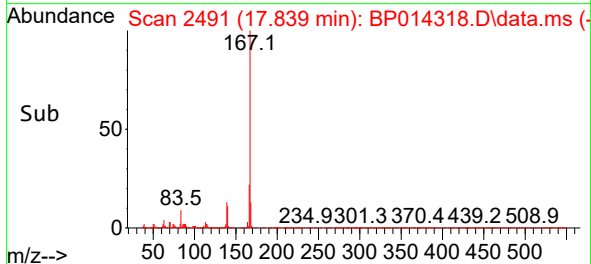
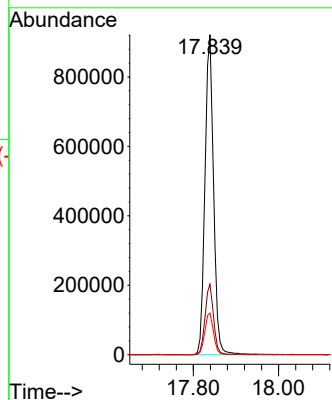
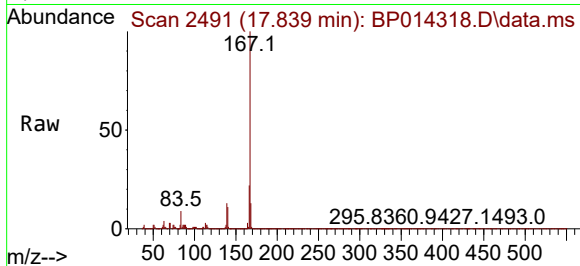




#73
 Carbazole
 Concen: 47.030 ng
 RT: 17.839 min Scan# 2491
 Delta R.T. -0.000 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

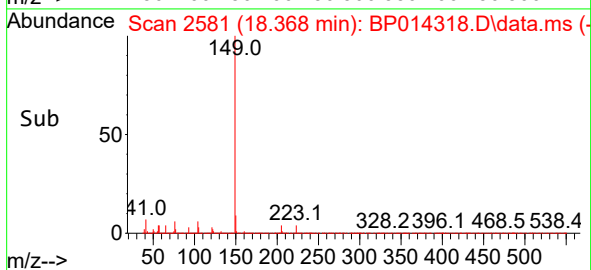
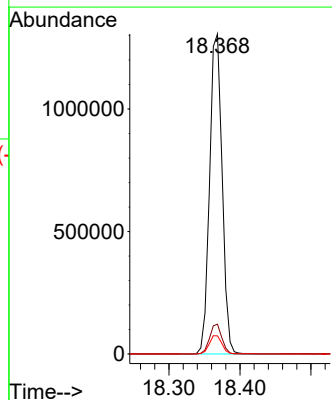
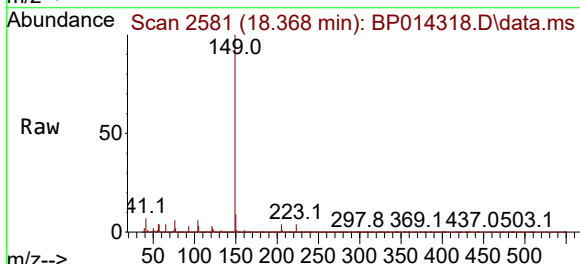
Instrument :
 BNA_P
 ClientSampleId :
 PB151659BSD

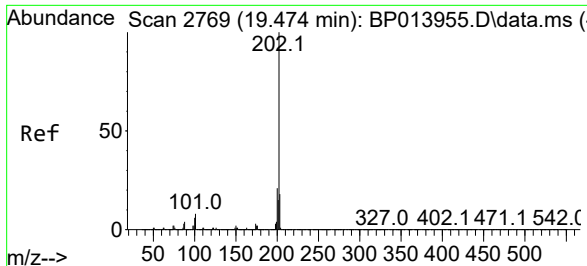
Tgt Ion:167 Resp: 1292759
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.682 ng
 RT: 18.368 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

Tgt Ion:149 Resp: 1604371
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.7 4.6 7.0

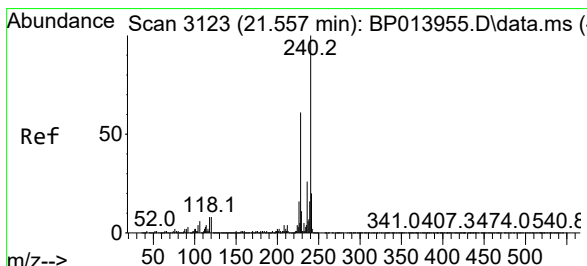
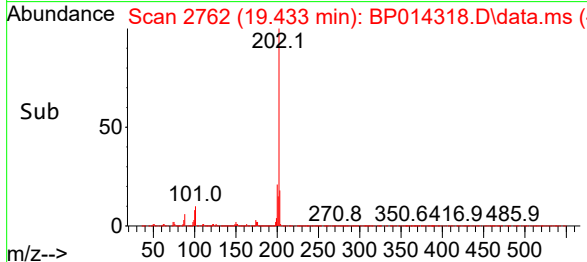
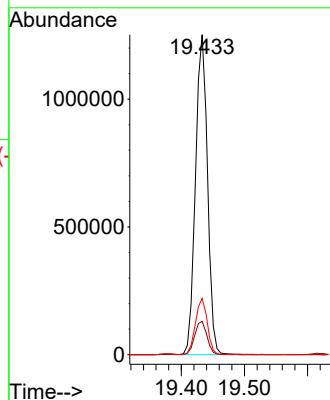
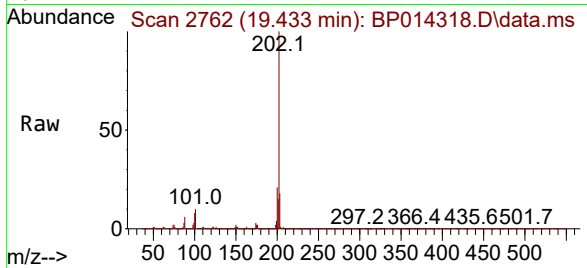




#75
Fluoranthene
Concen: 44.201 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

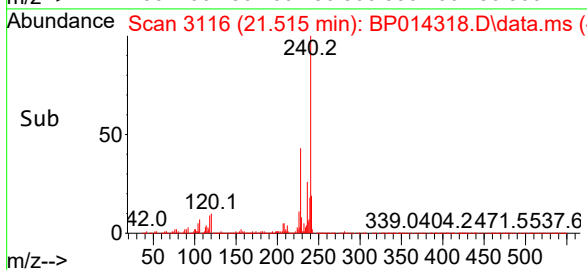
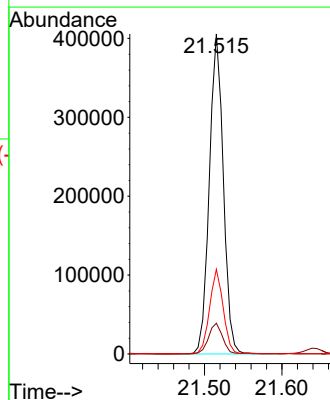
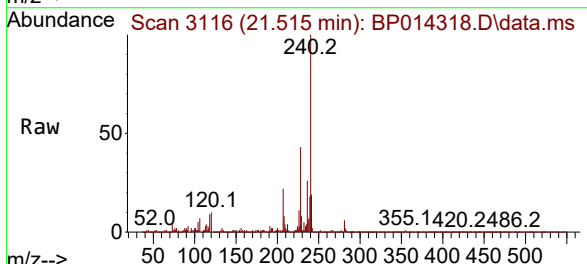
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

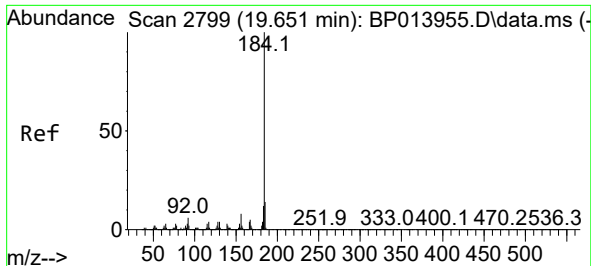
Tgt Ion:202 Resp: 1647677
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:240 Resp: 509327
Ion Ratio Lower Upper
240 100
120 9.6 6.4 9.6
236 26.4 21.2 31.8

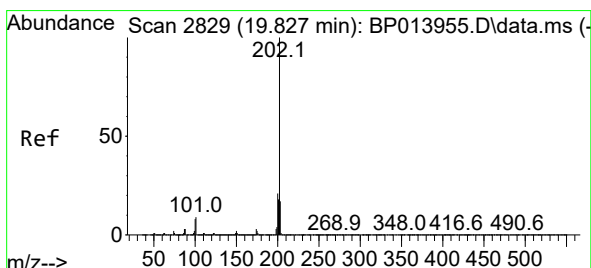
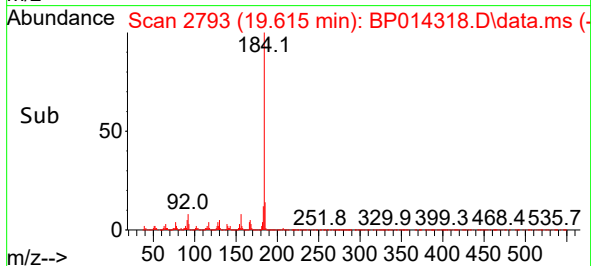
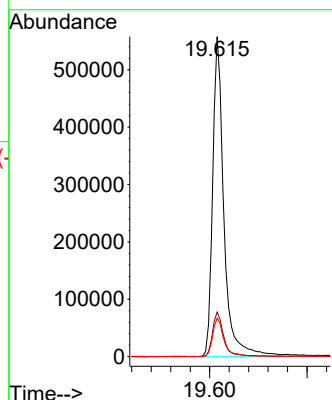
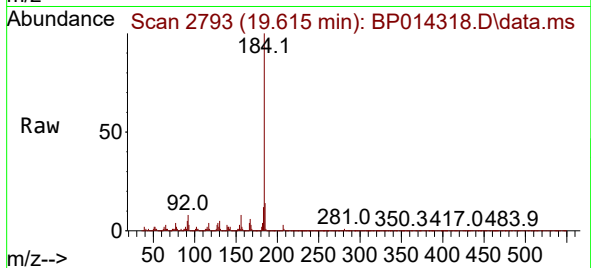




#77
Benzidine
Concen: 92.958 ng
RT: 19.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

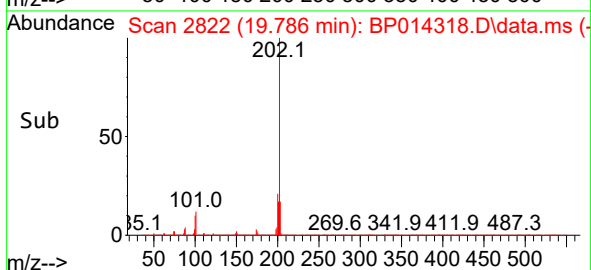
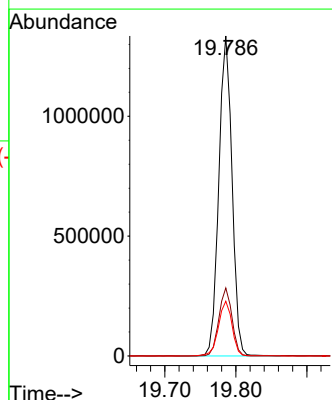
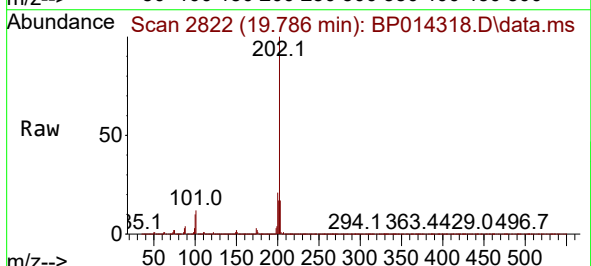
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

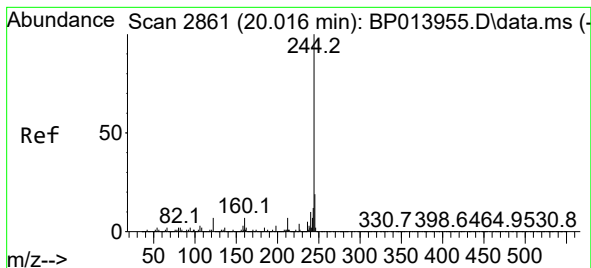
Tgt Ion:184 Resp: 889328
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 12.0 9.7 14.5



#78
Pyrene
Concen: 43.817 ng
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:202 Resp: 1712917
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.1 13.9 20.9





#79

Terphenyl-d14

Concen: 63.578 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

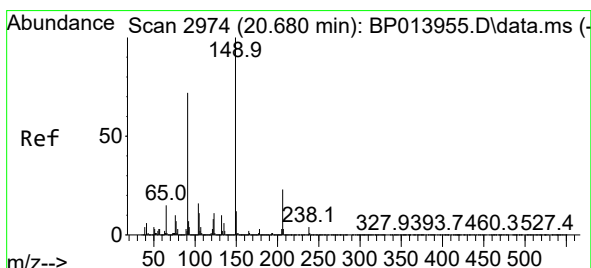
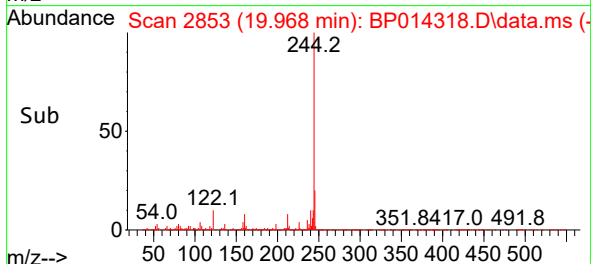
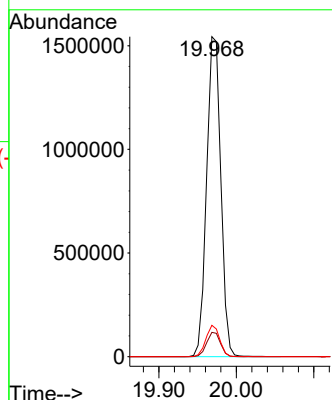
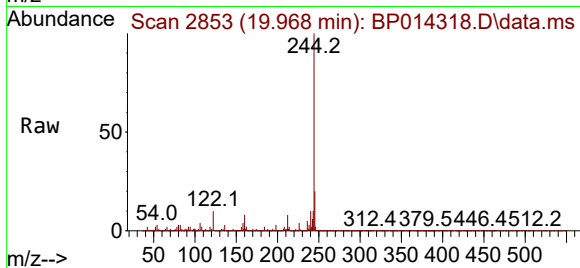
Tgt Ion:244 Resp: 1963791

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.8 5.8 8.6#



#80

Butylbenzylphthalate

Concen: 47.063 ng

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

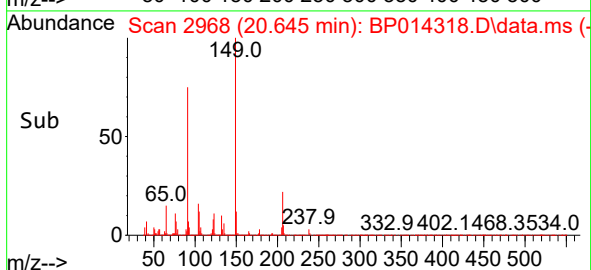
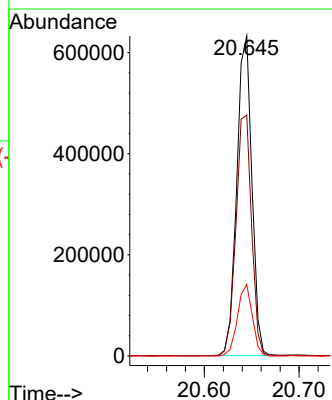
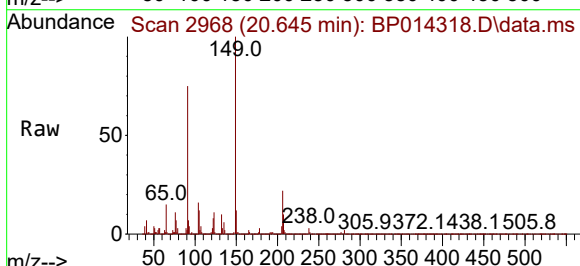
Tgt Ion:149 Resp: 697503

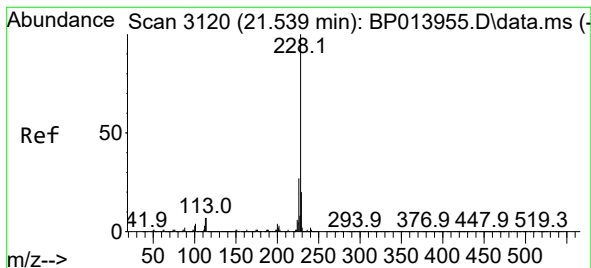
Ion Ratio Lower Upper

149 100

91 75.3 58.0 87.0

206 22.4 18.7 28.1





#81

Benzo(a)anthracene

Concen: 44.477 ng

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

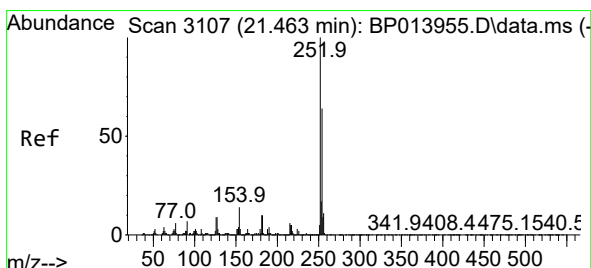
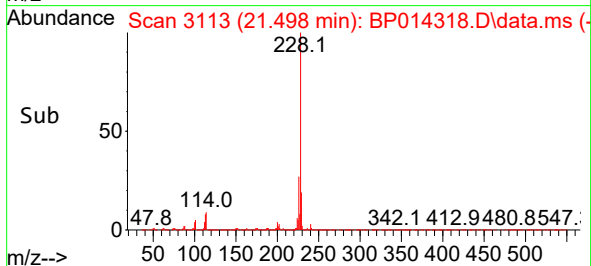
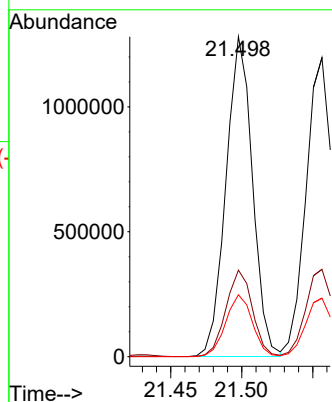
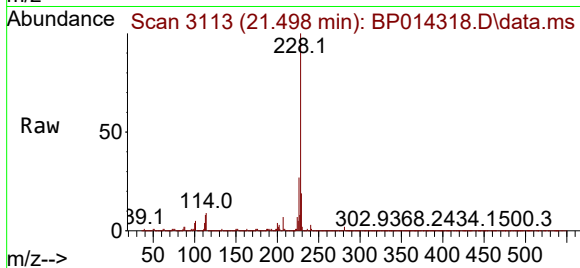
Tgt Ion:228 Resp: 1662139

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.764 ng

RT: 21.433 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

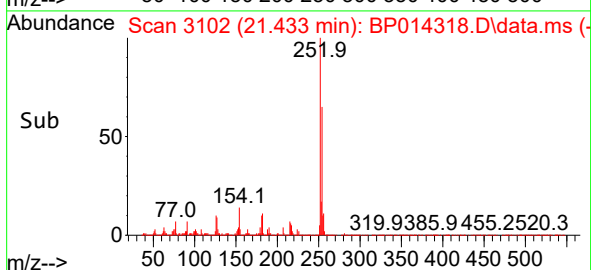
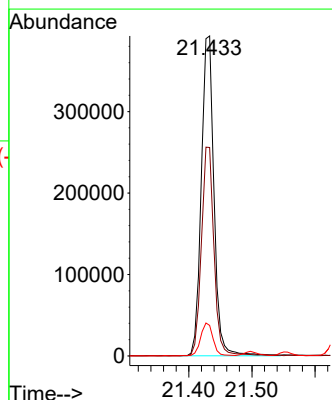
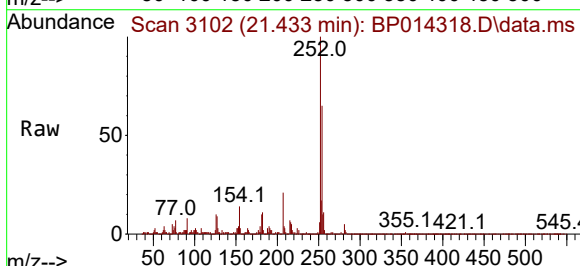
Tgt Ion:252 Resp: 547236

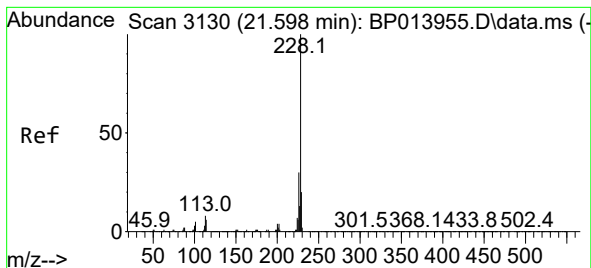
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 9.6 7.0 10.6





#83

Chrysene

Concen: 44.423 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

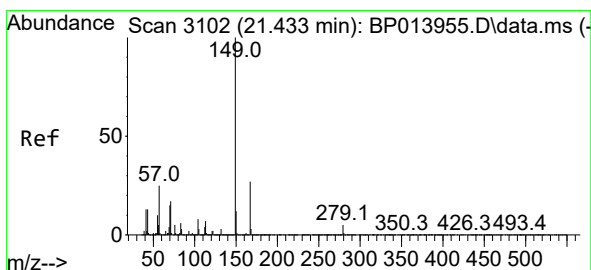
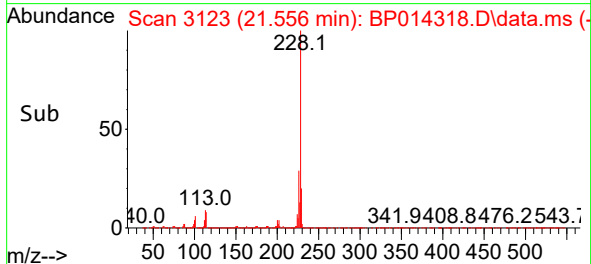
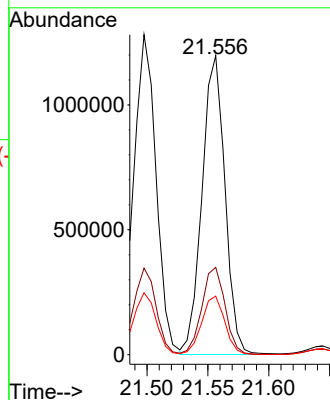
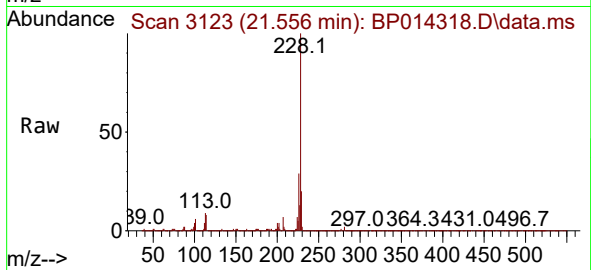
Tgt Ion:228 Resp: 1572175

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.236 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

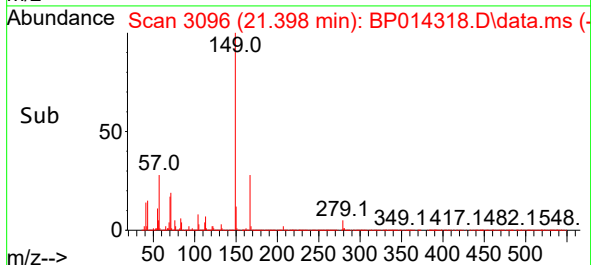
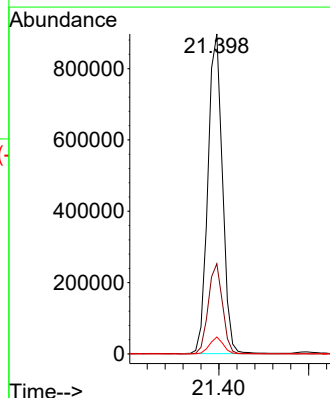
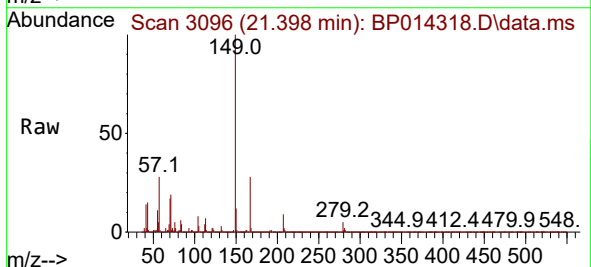
Tgt Ion:149 Resp: 1005278

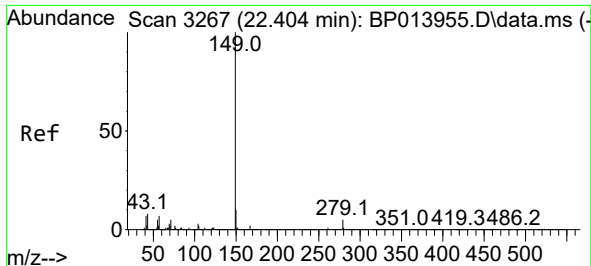
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.6

279 5.3 4.0 6.0

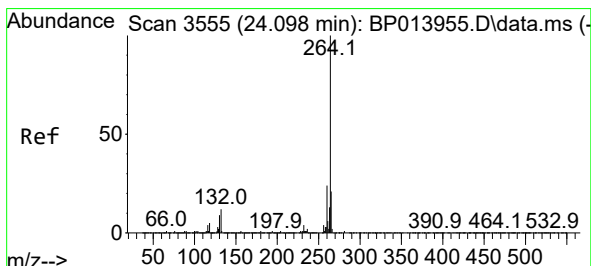
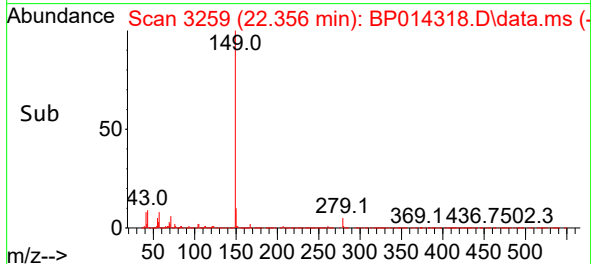
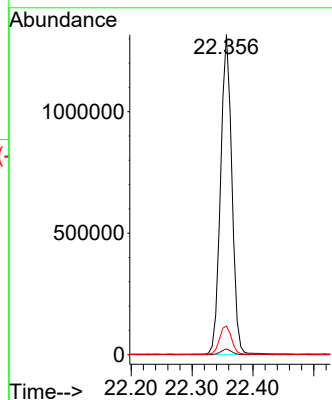
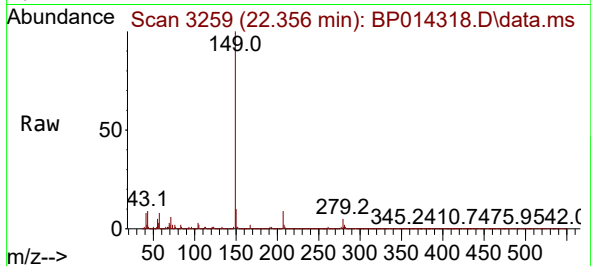




#85
Di-n-octyl phthalate
Concen: 47.847 ng
RT: 22.356 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

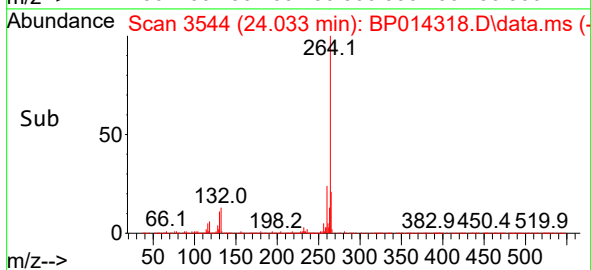
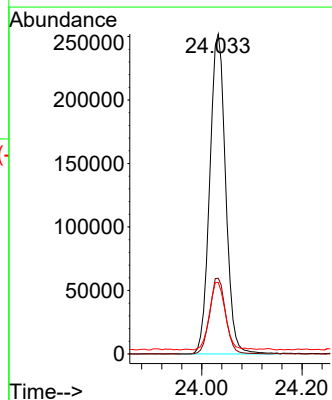
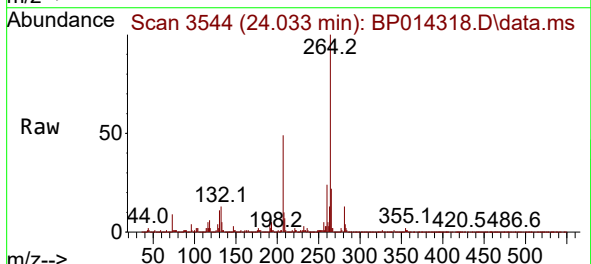
Instrument :
BNA_P
ClientSampleId :
PB151659BSD

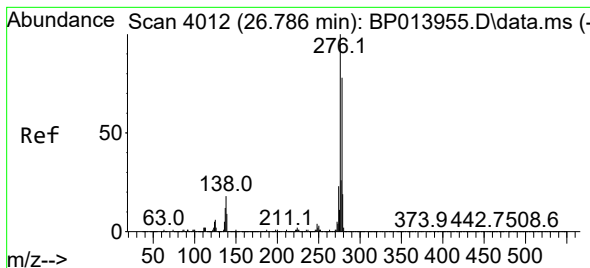
Tgt Ion:149 Resp: 1688712
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:264 Resp: 554341
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.770 ng

RT: 26.680 min Scan# 3413

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

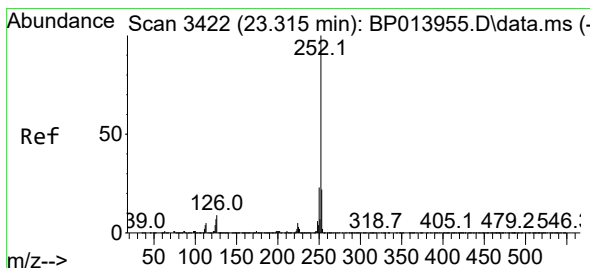
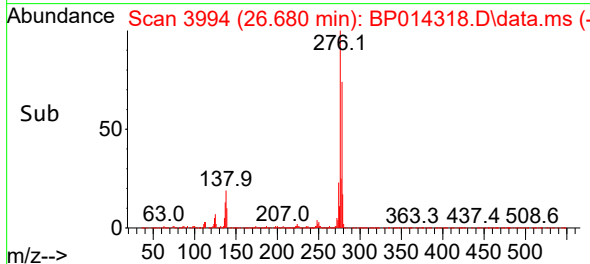
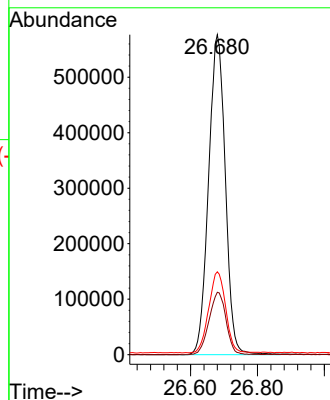
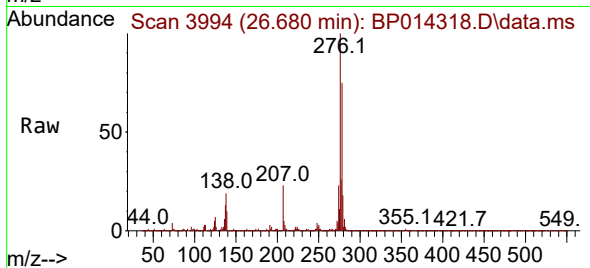
Tgt Ion:276 Resp: 2003250

Ion Ratio Lower Upper

276 100

138 19.8 13.8 20.8

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.725 ng

RT: 23.262 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

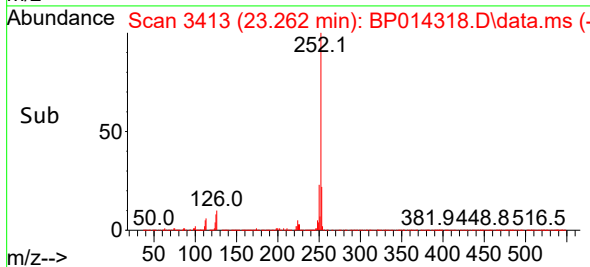
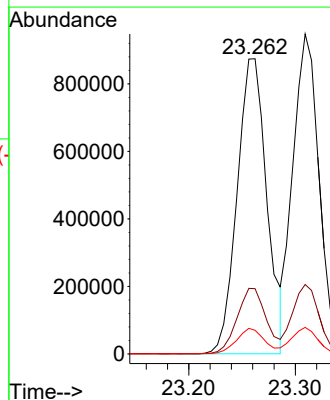
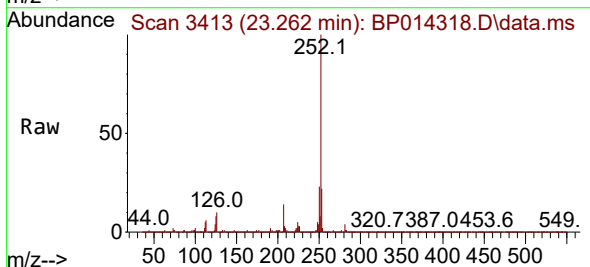
Tgt Ion:252 Resp: 1696055

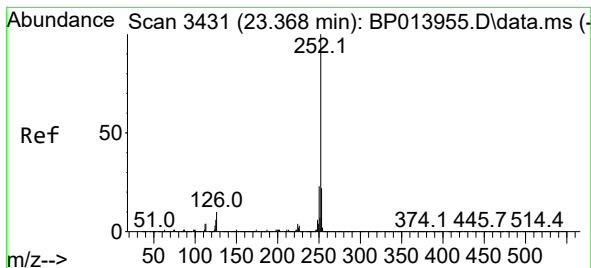
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 45.175 ng

RT: 23.309 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

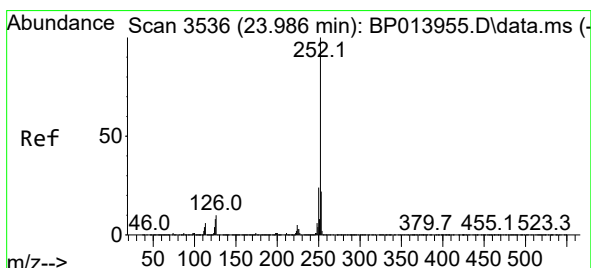
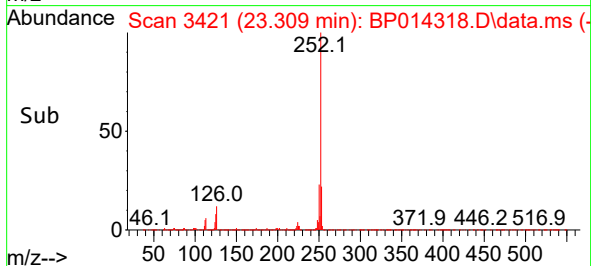
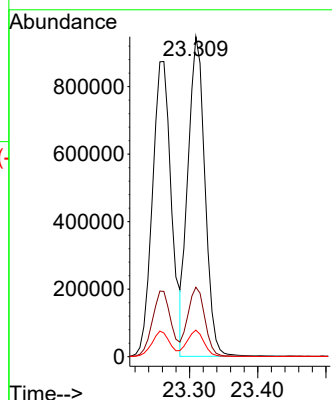
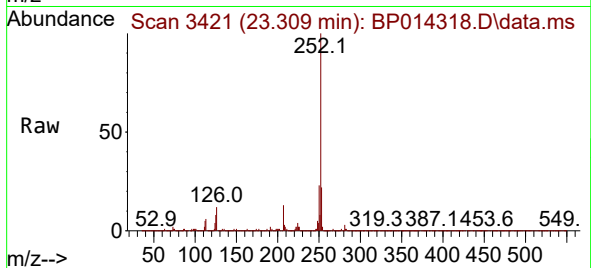
Tgt Ion:252 Resp: 1625795

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.3 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 41.903 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

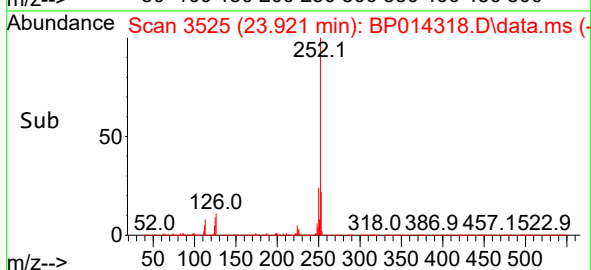
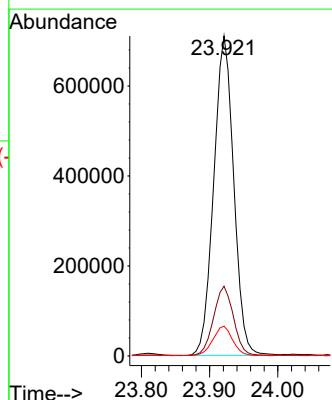
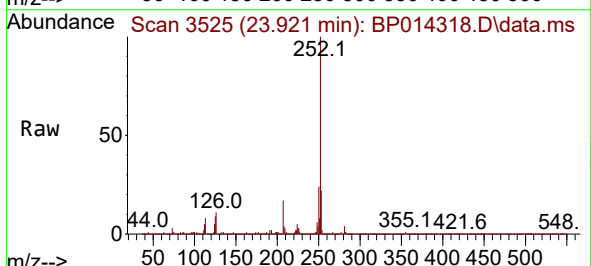
Tgt Ion:252 Resp: 1450801

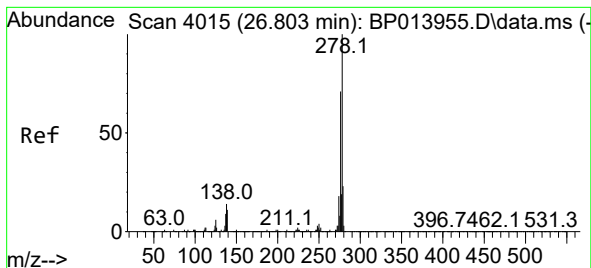
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.3 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 47.020 ng

RT: 26.697 min Scan# 3997

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

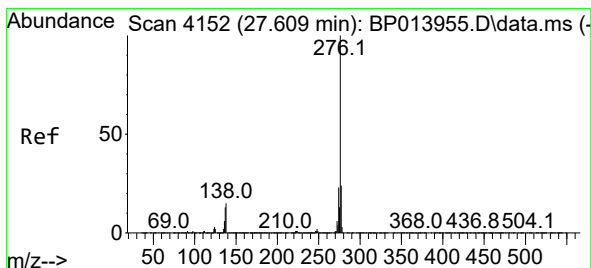
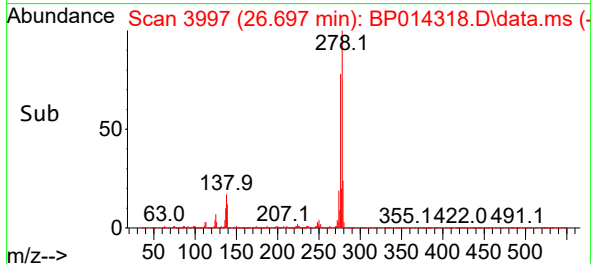
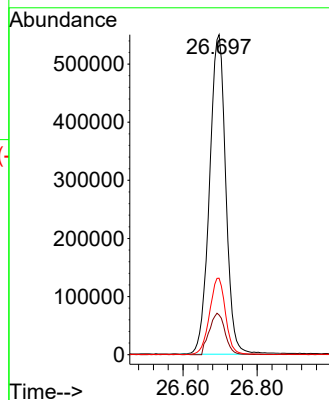
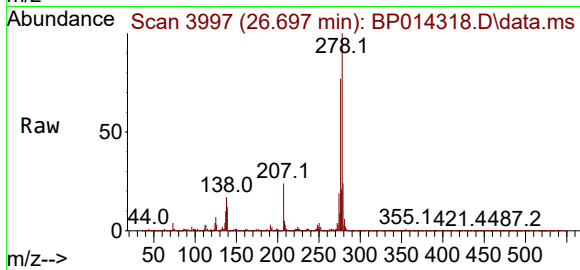
Tgt Ion:278 Resp: 1674324

Ion Ratio Lower Upper

278 100

139 12.4 8.7 13.1

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.995 ng

RT: 27.497 min Scan# 4133

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Tgt Ion:276 Resp: 1623126

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 16.8 12.2 18.4

