

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014090.D
 Acq On : 14 Mar 2023 19:26
 Operator : CG/JU
 Sample : PB151373BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151373BSD

Quant Time: Mar 15 04:35:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	139579	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	492424	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	288246	20.000	ng	-0.01
64) Phenanthrene-d10	17.463	188	594479	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	510827	20.000	ng	0.00
86) Perylene-d12	24.074	264	513759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1014001	117.815	ng	0.00
7) Phenol-d6	7.222	99	1293590	114.477	ng	0.00
23) Nitrobenzene-d5	9.240	82	837070	77.695	ng	-0.01
42) 2,4,6-Tribromophenol	16.198	330	503423	107.719	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1718030	77.220	ng	-0.01
79) Terphenyl-d14	19.998	244	2335038	75.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	188427	50.395	ng	95
3) Pyridine	3.881	79	483968	46.609	ng	97
4) n-Nitrosodimethylamine	3.787	42	214379	46.512	ng	99
6) Aniline	7.387	93	573166	38.614	ng	98
8) 2-Chlorophenol	7.628	128	474892	51.517	ng	95
9) Benzaldehyde	7.199	77	222243	39.302	ng	98
10) Phenol	7.252	94	611832	52.024	ng	97
11) bis(2-Chloroethyl)ether	7.487	93	488881	52.501	ng	99
12) 1,3-Dichlorobenzene	7.952	146	546984	53.998	ng	99
13) 1,4-Dichlorobenzene	8.105	146	549757	53.646	ng	99
14) 1,2-Dichlorobenzene	8.422	146	524616	53.448	ng	99
15) Benzyl Alcohol	8.310	79	462758	50.229	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.587	45	599857	59.170	ng	94
17) 2-Methylphenol	8.510	107	402848	48.029	ng	98
18) Hexachloroethane	9.157	117	212557	55.213	ng	99
19) n-Nitroso-di-n-propyla...	8.881	70	384159	51.650	ng	99
20) 3+4-Methylphenols	8.840	107	530197	46.937	ng	98
22) Acetophenone	8.899	105	731612	52.968	ng	99
24) Nitrobenzene	9.287	77	576638	52.309	ng	99
25) Isophorone	9.810	82	1015463	51.152	ng	97
26) 2-Nitrophenol	9.999	139	250603	52.263	ng	97
27) 2,4-Dimethylphenol	10.052	122	418278	53.649	ng	99
28) bis(2-Chloroethoxy)met...	10.293	93	619743	53.938	ng	98
29) 2,4-Dichlorophenol	10.534	162	438663	51.399	ng	99
30) 1,2,4-Trichlorobenzene	10.752	180	503669	51.982	ng	99
31) Naphthalene	10.940	128	1398504	51.685	ng	99
32) Benzoic acid	10.199	122	263046	41.123	ng	92
33) 4-Chloroaniline	11.051	127	181432	15.642	ng	98
34) Hexachlorobutadiene	11.222	225	349247	49.577	ng	98
35) Caprolactam	11.846	113	118489	48.503	ng	88
36) 4-Chloro-3-methylphenol	12.169	107	480037	50.433	ng	99
37) 2-Methylnaphthalene	12.540	142	953044	47.743	ng	97
38) 1-Methylnaphthalene	12.757	142	880145	47.300	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	571552	52.020	ng	98
41) Hexachlorocyclopentadiene	12.881	237	847881	122.966	ng	97
43) 2,4,6-Trichlorophenol	13.145	196	354571	51.055	ng	98

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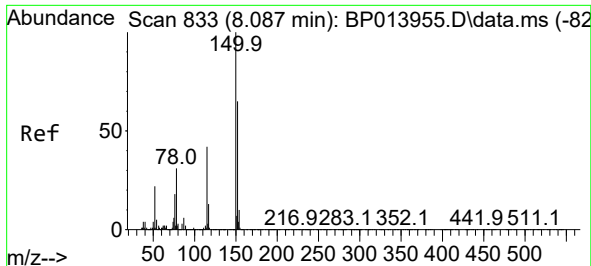
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	380363	47.264	ng	99
46) 1,1'-Biphenyl	13.540	154	1242850	53.568	ng	98
47) 2-Chloronaphthalene	13.587	162	964586	54.006	ng	99
48) 2-Nitroaniline	13.793	65	299208	55.200	ng	97
49) Acenaphthylene	14.434	152	1477886	52.031	ng	100
50) Dimethylphthalate	14.157	163	1181643	49.691	ng	99
51) 2,6-Dinitrotoluene	14.281	165	258104	51.541	ng	97
52) Acenaphthene	14.775	154	879658	51.447	ng	99
53) 3-Nitroaniline	14.616	138	156322	31.852	ng	95
54) 2,4-Dinitrophenol	14.822	184	319141	85.722	ng	96
55) Dibenzofuran	15.104	168	1413603	50.712	ng	99
56) 4-Nitrophenol	14.922	139	395119	98.869	ng	93
57) 2,4-Dinitrotoluene	15.069	165	346582	51.775	ng	# 98
58) Fluorene	15.757	166	1114018	50.332	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.328	232	339725	48.389	ng	97
60) Diethylphthalate	15.516	149	1173981	50.002	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	606926	48.372	ng	99
62) 4-Nitroaniline	15.781	138	238580	48.822	ng	89
63) Azobenzene	16.039	77	1188247	54.693	ng	96
65) 4,6-Dinitro-2-methylph...	15.834	198	198651	45.114	ng	98
66) n-Nitrosodiphenylamine	15.963	169	960228	51.116	ng	100
67) 4-Bromophenyl-phenylether	16.645	248	375722	47.781	ng	97
68) Hexachlorobenzene	16.763	284	434930	51.601	ng	99
69) Atrazine	16.910	200	359816	54.557	ng	99
70) Pentachlorophenol	17.110	266	532299	87.567	ng	98
71) Phenanthrene	17.504	178	1691443	50.931	ng	99
72) Anthracene	17.598	178	1730391	50.993	ng	100
73) Carbazole	17.863	167	1503461	51.363	ng	100
74) Di-n-butylphthalate	18.392	149	1934392	52.855	ng	100
75) Fluoranthene	19.457	202	1946596	49.039	ng	98
77) Benzidine	19.633	184	828324	84.459	ng	100
78) Pyrene	19.810	202	2017733	51.462	ng	100
80) Butylbenzylphthalate	20.669	149	794914	53.478	ng	97
81) Benzo(a)anthracene	21.527	228	1892606	50.495	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	482722	40.250	ng	99
83) Chrysene	21.580	228	1757556	49.516	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1188025	54.480	ng	99
85) Di-n-octyl phthalate	22.386	149	1950109	55.091	ng	98
87) Indeno(1,2,3-cd)pyrene	26.745	276	2071608	52.186	ng	98
88) Benzo(b)fluoranthene	23.298	252	1811692	53.853	ng	99
89) Benzo(k)fluoranthene	23.351	252	1791941	53.724	ng	99
90) Benzo(a)pyrene	23.963	252	1573271	49.030	ng	99
91) Dibenzo(a,h)anthracene	26.757	278	1718334	52.068	ng	98
92) Benzo(g,h,i)perylene	27.562	276	1698751	51.941	ng	98

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

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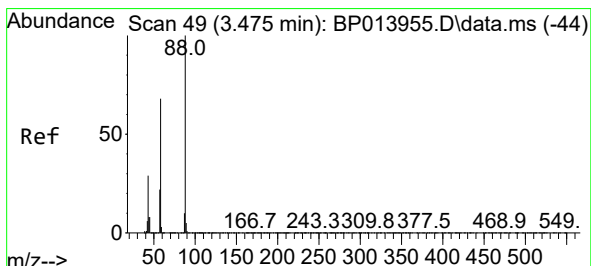
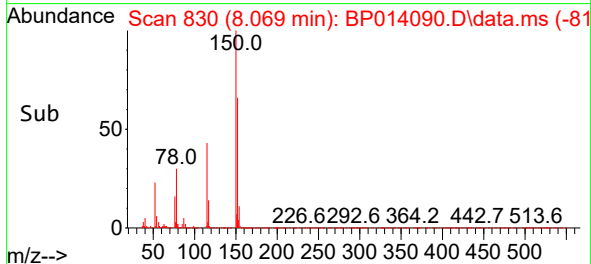
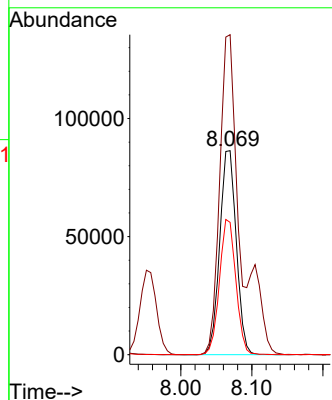
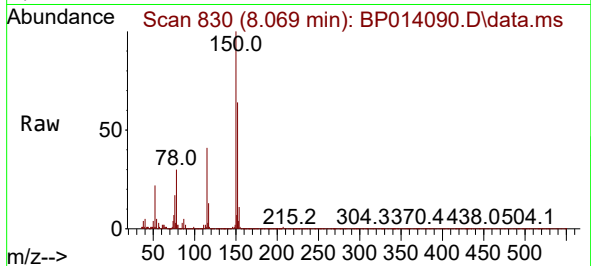




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014090.D
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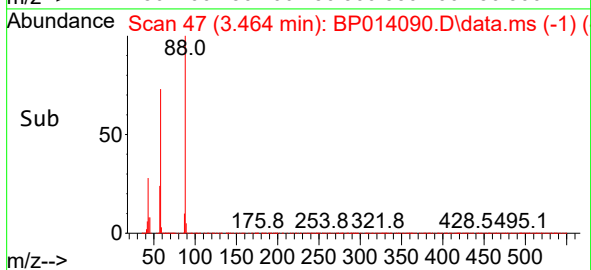
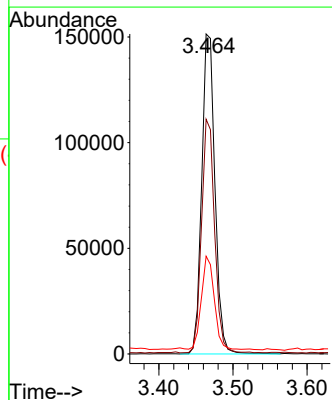
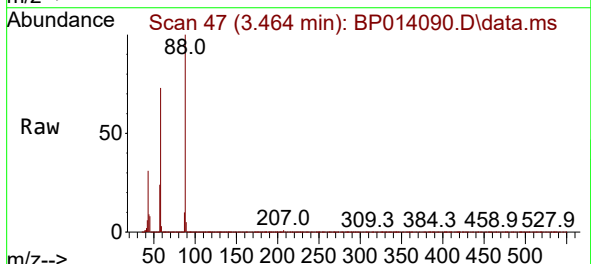
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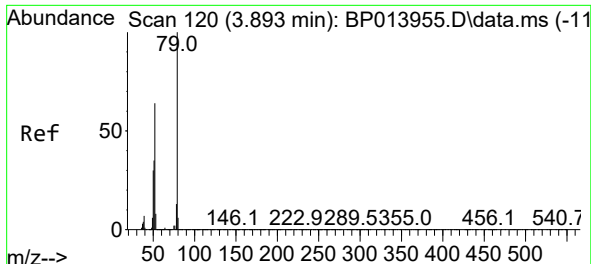
Tgt Ion:152 Resp: 139579
Ion Ratio Lower Upper
152 100
150 156.9 122.3 183.5
115 64.9 51.6 77.4



#2
1,4-Dioxane
Concen: 50.395 ng
RT: 3.464 min Scan# 47
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 88 Resp: 188427
Ion Ratio Lower Upper
88 100
58 72.2 53.8 80.8
43 28.2 22.1 33.1

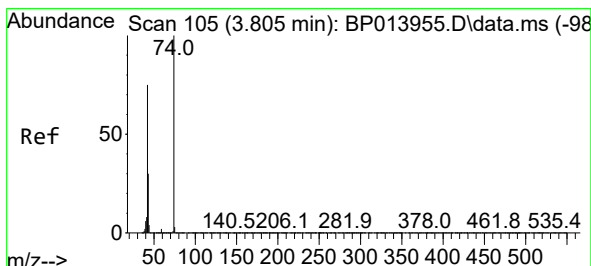
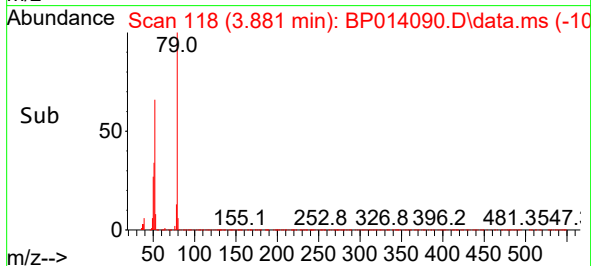
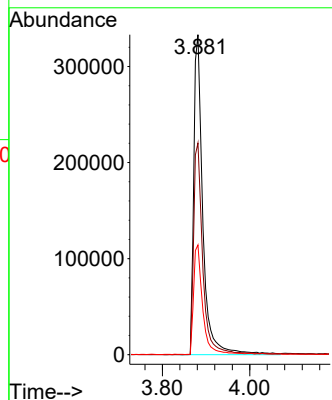
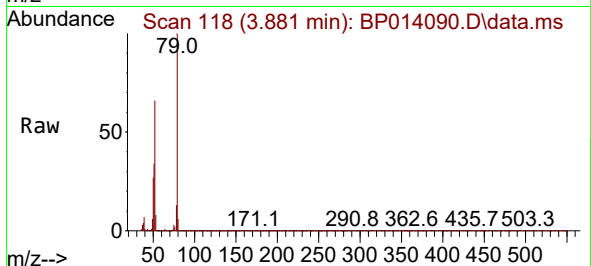




#3
Pyridine
Concen: 46.609 ng
RT: 3.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

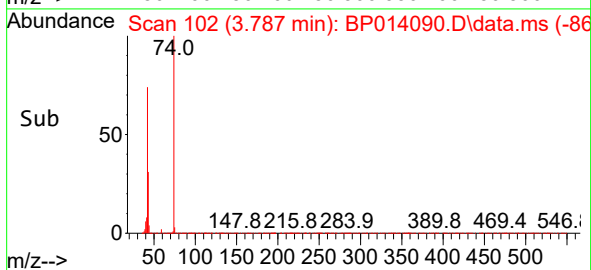
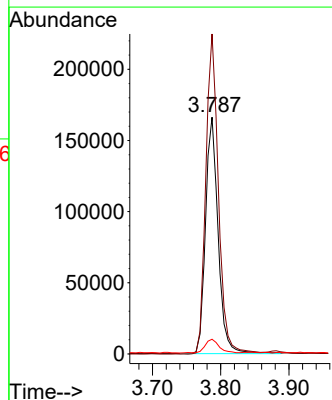
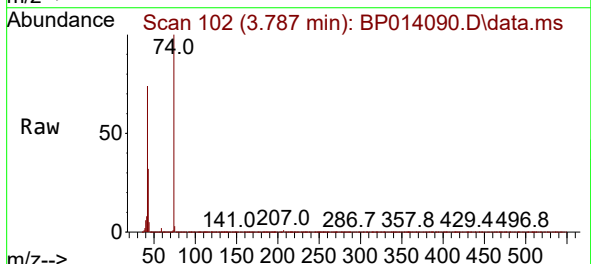
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ClientSampleId :
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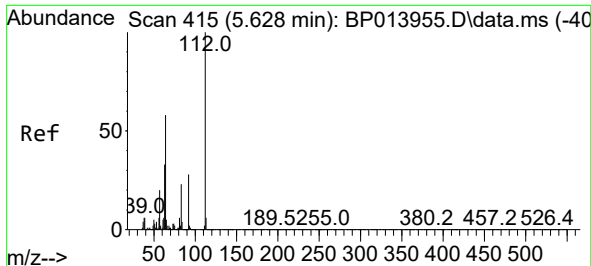
Tgt Ion: 79 Resp: 483968
Ion Ratio Lower Upper
79 100
52 66.1 51.0 76.4
51 34.3 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 46.512 ng
RT: 3.787 min Scan# 102
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 42 Resp: 214379
Ion Ratio Lower Upper
42 100
74 135.1 107.0 160.6
44 6.2 4.5 6.7

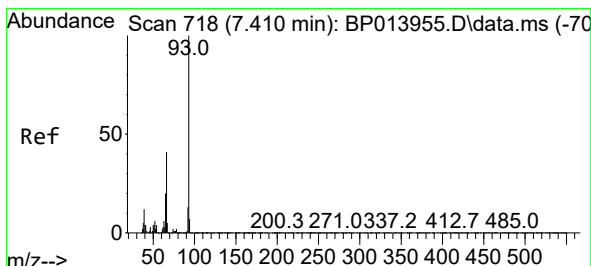
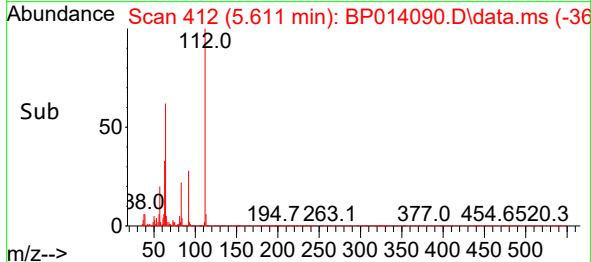
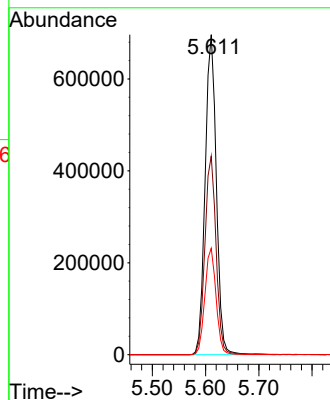
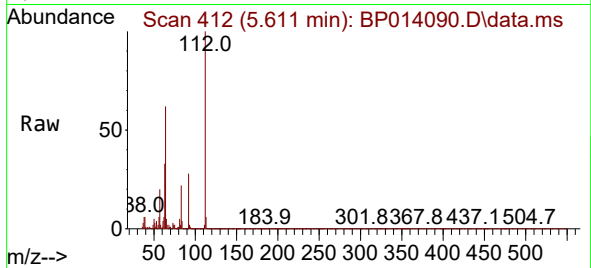




#5
2-Fluorophenol
Concen: 117.815 ng
RT: 5.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

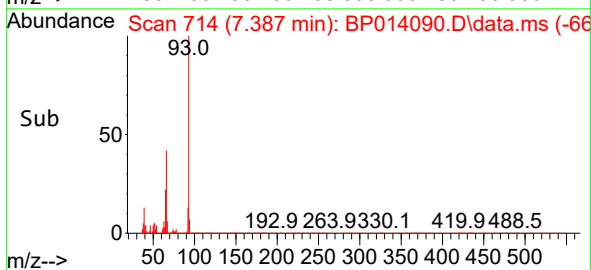
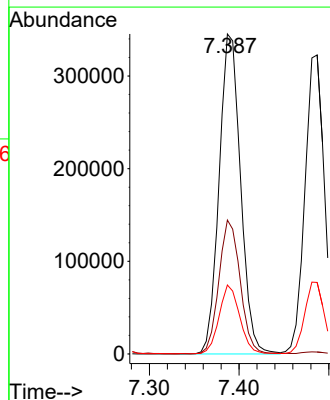
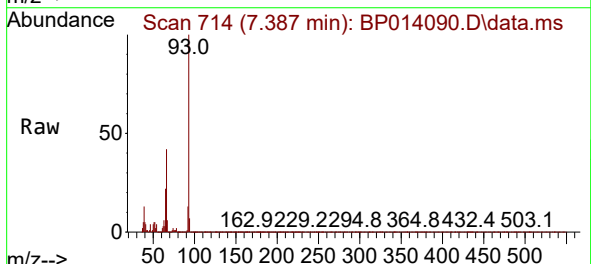
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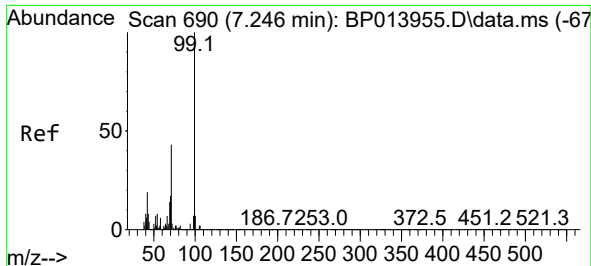
Tgt Ion:112 Resp: 1014001
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 33.3 26.6 40.0



#6
Aniline
Concen: 38.614 ng
RT: 7.387 min Scan# 714
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 93 Resp: 573166
Ion Ratio Lower Upper
93 100
66 41.9 32.6 48.8
65 21.5 16.0 24.0

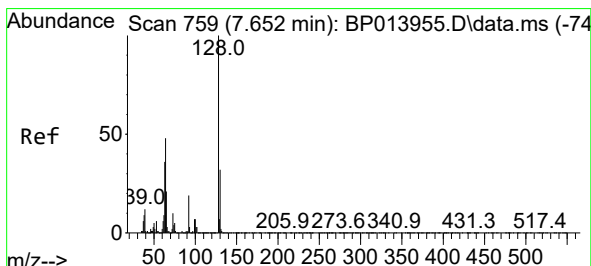
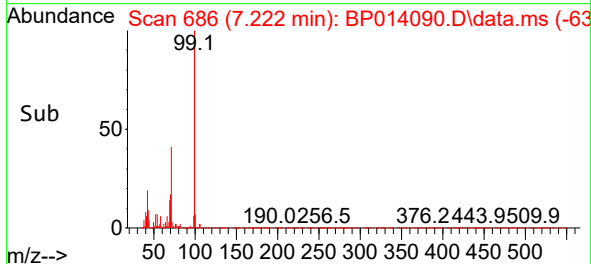
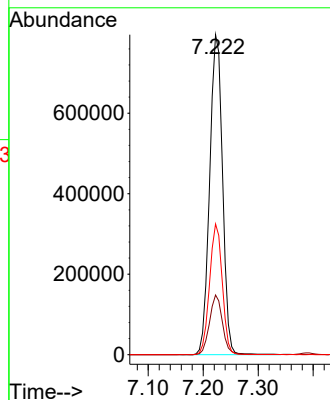
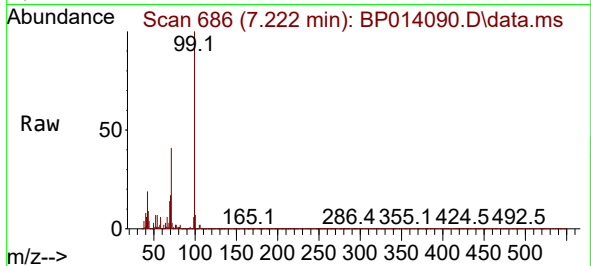




#7
Phenol-d6
Concen: 114.477 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

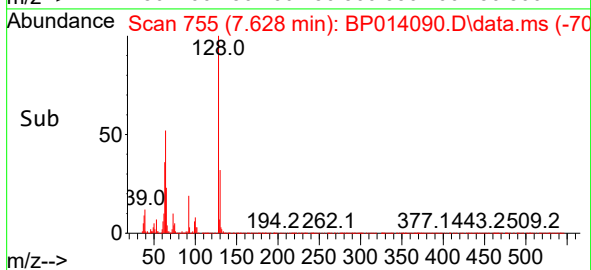
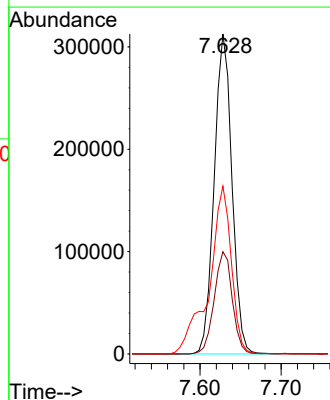
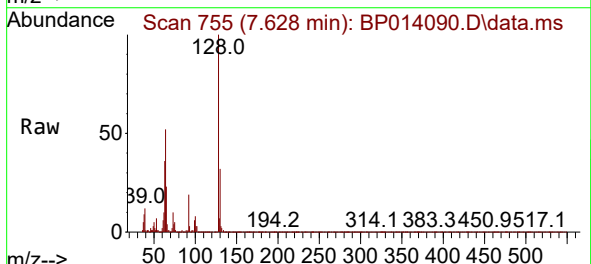
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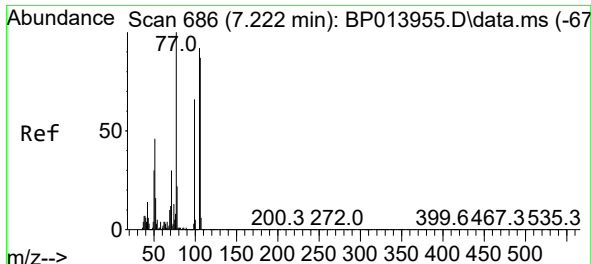
Tgt Ion: 99 Resp: 1293590
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 40.8 34.3 51.5



#8
2-Chlorophenol
Concen: 51.517 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014090.D
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Tgt Ion:128 Resp: 474892
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 52.4 27.6 67.6

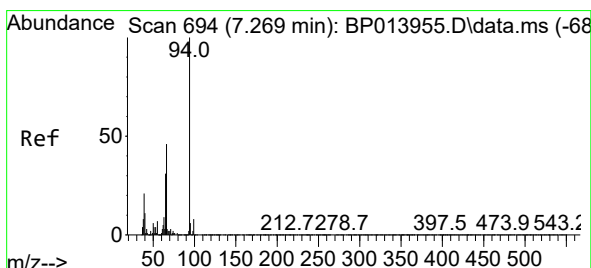
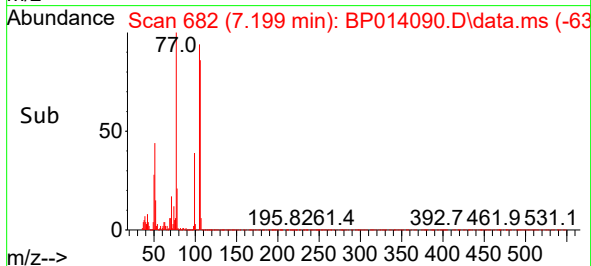
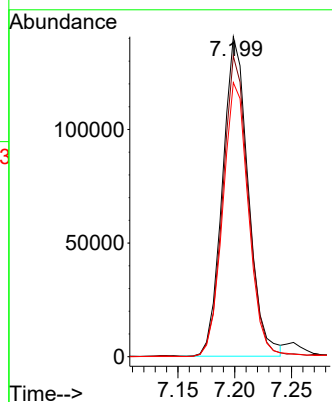
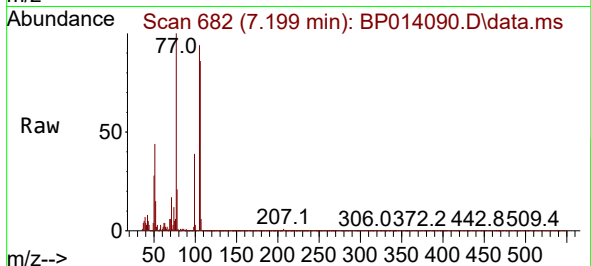




#9
Benzaldehyde
Concen: 39.302 ng
RT: 7.199 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

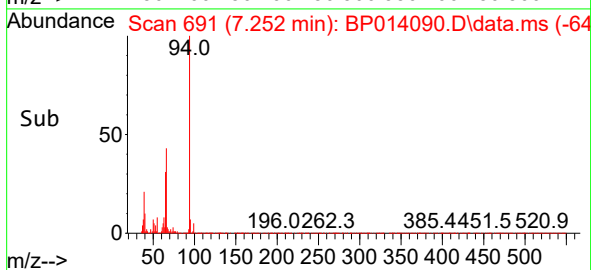
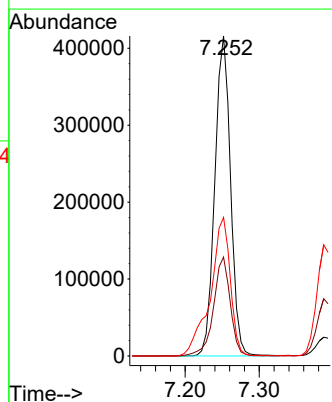
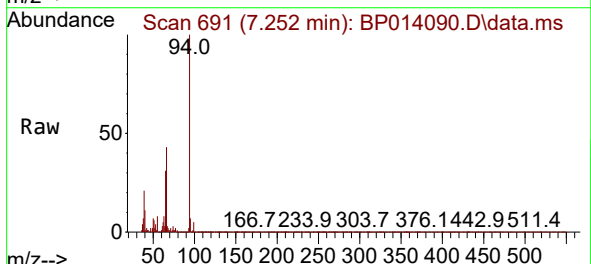
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ClientSampleId :
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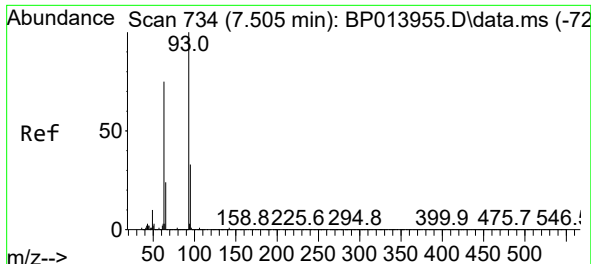
Tgt Ion: 77 Resp: 222243
Ion Ratio Lower Upper
77 100
105 94.0 72.4 112.4
106 85.6 66.9 106.9



#10
Phenol
Concen: 52.024 ng
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP014090.D
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Tgt Ion: 94 Resp: 611832
Ion Ratio Lower Upper
94 100
65 30.9 10.9 50.9
66 43.3 26.1 66.1

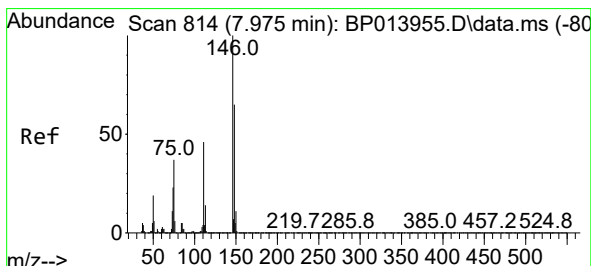
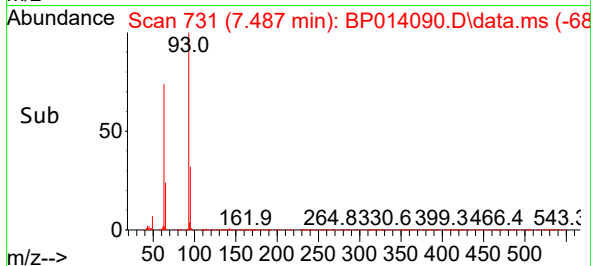
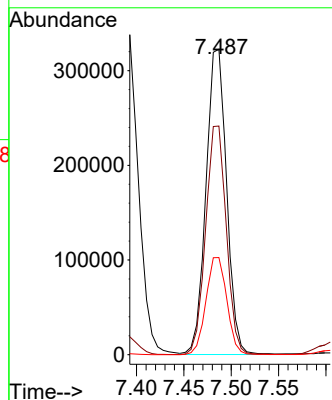
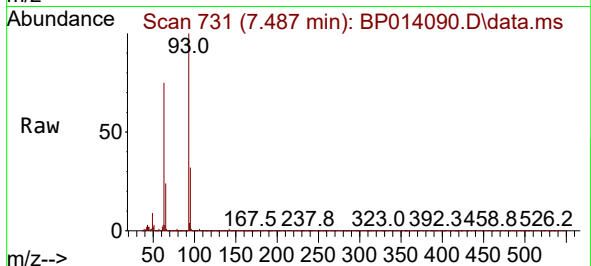




#11
bis(2-Chloroethyl)ether
Concen: 52.501 ng
RT: 7.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

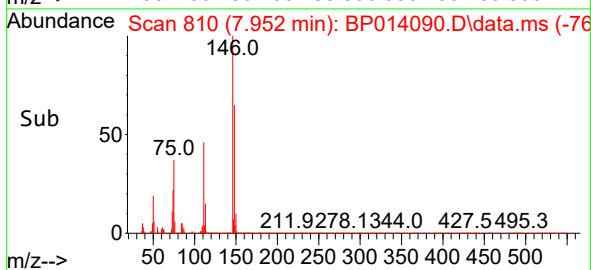
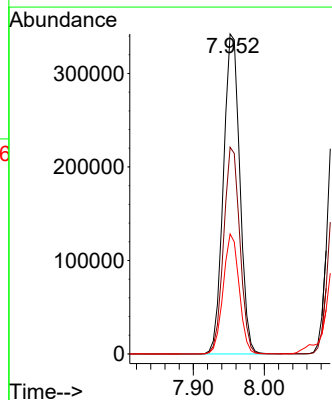
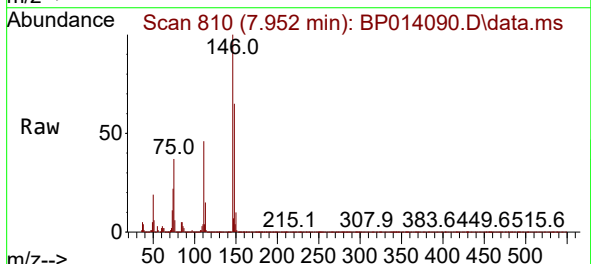
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

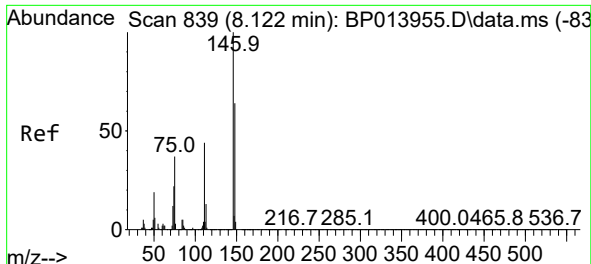
Tgt Ion: 93 Resp: 488881
Ion Ratio Lower Upper
93 100
63 74.8 54.2 94.2
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 53.998 ng
RT: 7.952 min Scan# 810
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:146 Resp: 546984
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 37.5 29.4 44.0

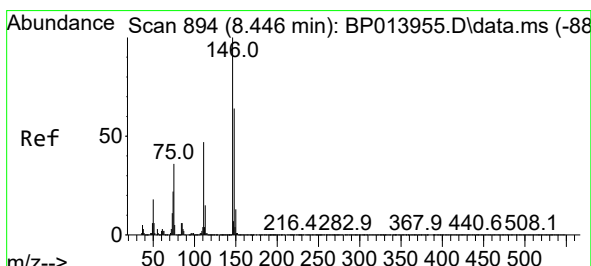
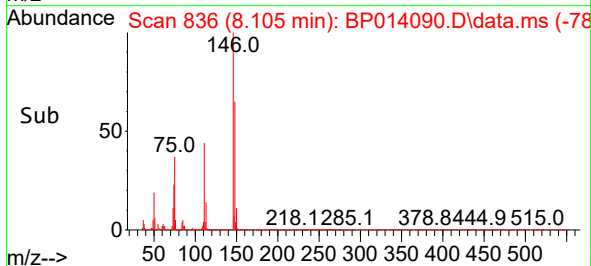
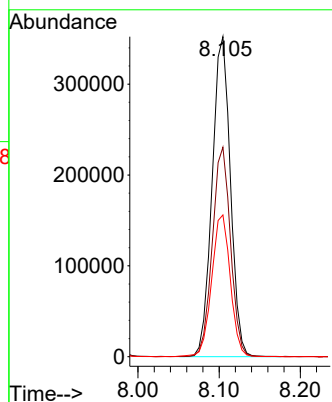
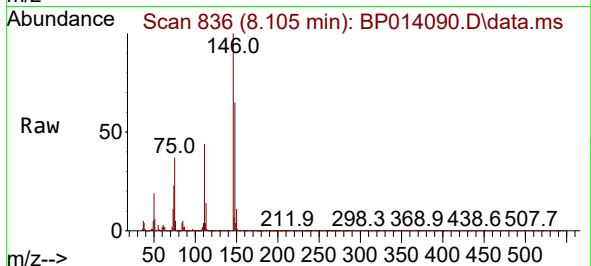




#13
1,4-Dichlorobenzene
Concen: 53.646 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

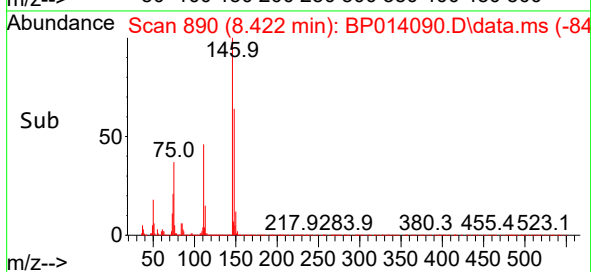
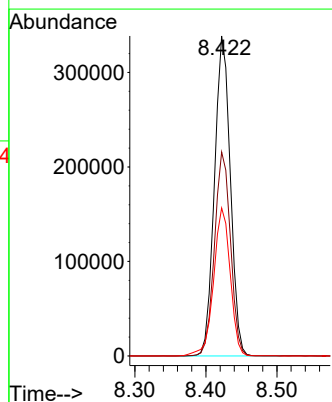
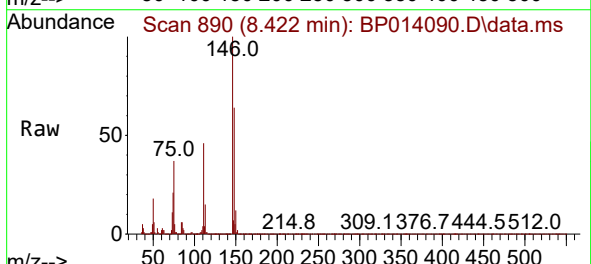
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

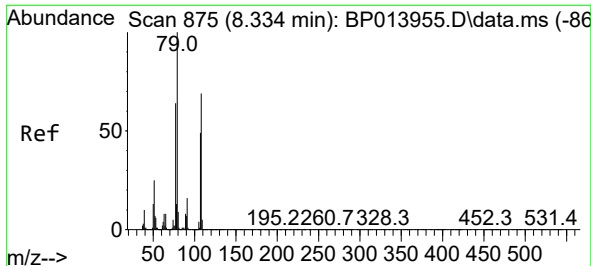
Tgt Ion:146 Resp: 549757
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
111 44.3 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 53.448 ng
RT: 8.422 min Scan# 890
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:146 Resp: 524616
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 46.2 37.2 55.8

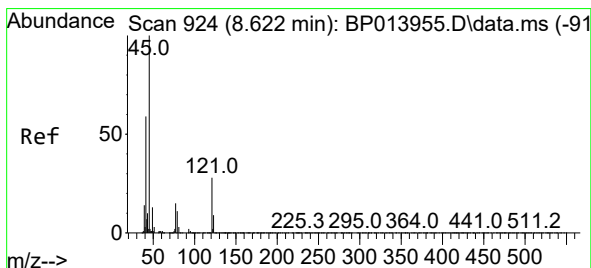
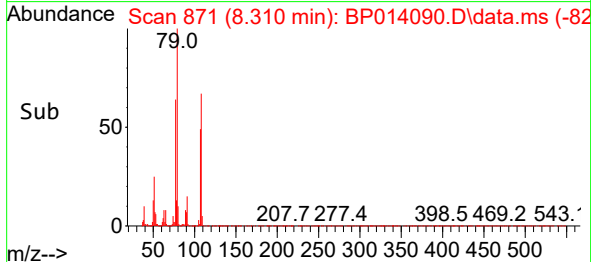
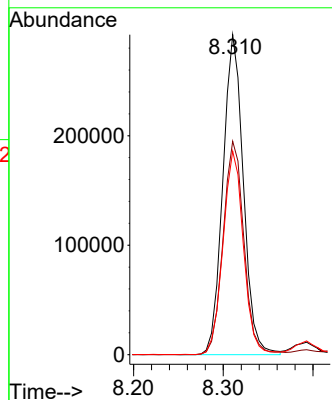
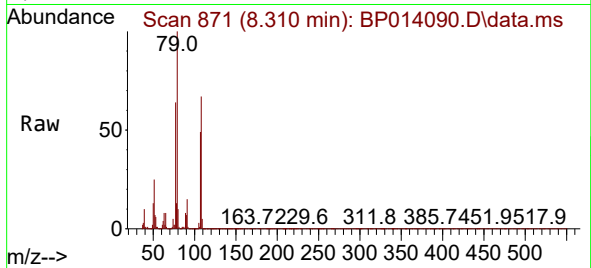




#15
Benzyl Alcohol
Concen: 50.229 ng
RT: 8.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

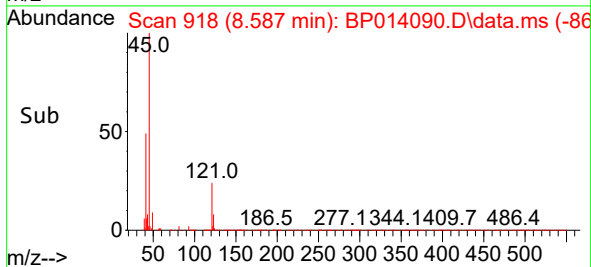
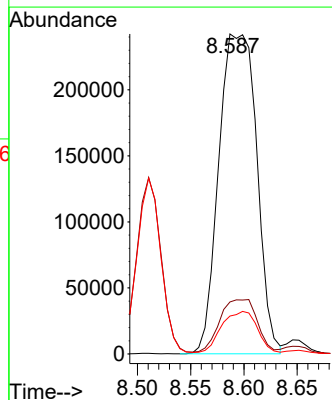
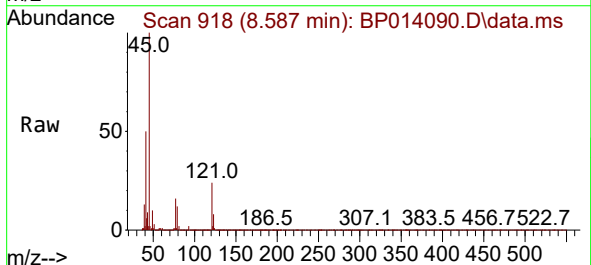
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

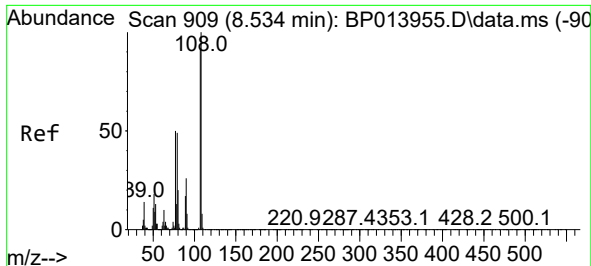
Tgt Ion: 79 Resp: 462758
Ion Ratio Lower Upper
79 100
108 66.7 54.9 82.3
77 63.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.170 ng
RT: 8.587 min Scan# 918
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 45 Resp: 599857
Ion Ratio Lower Upper
45 100
77 16.3 0.0 38.7
79 11.9 0.0 34.4

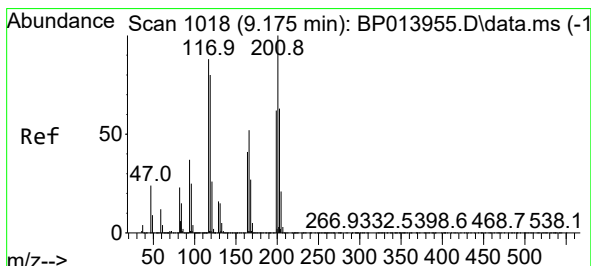
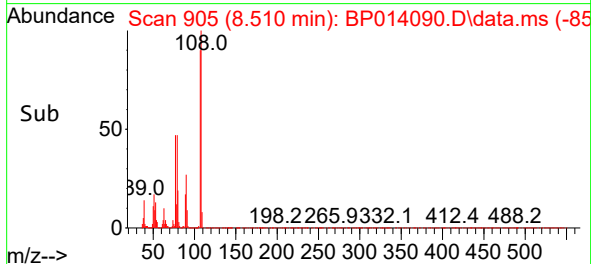
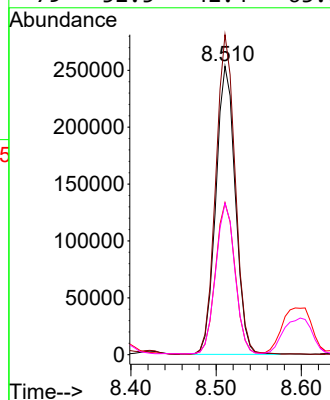
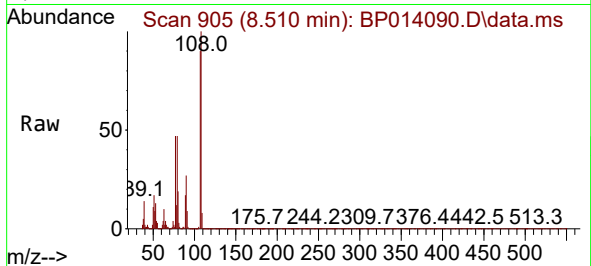




#17
2-Methylphenol
Concen: 48.029 ng
RT: 8.510 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

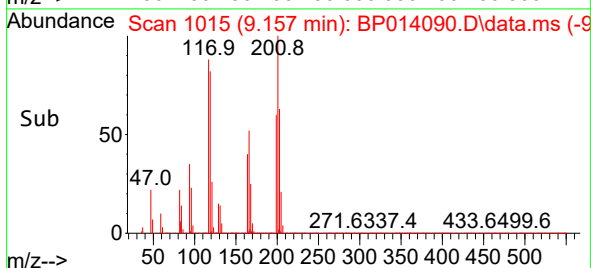
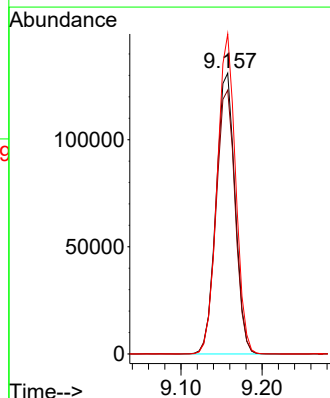
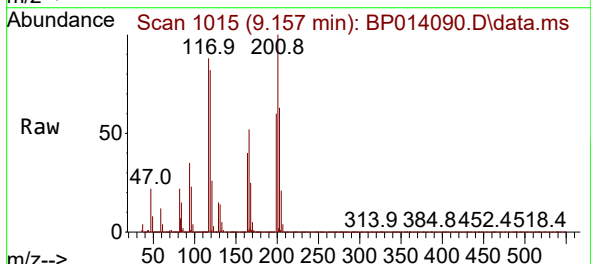
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

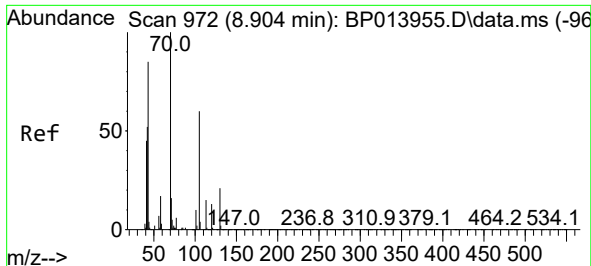
Tgt Ion:	107	Resp:	402848
Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.0	130.4
77	52.7	44.0	66.0
79	52.5	42.4	63.6



#18
Hexachloroethane
Concen: 55.213 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:	117	Resp:	212557
Ion	Ratio	Lower	Upper
117	100		
119	93.9	73.3	109.9
201	114.0	91.1	136.7



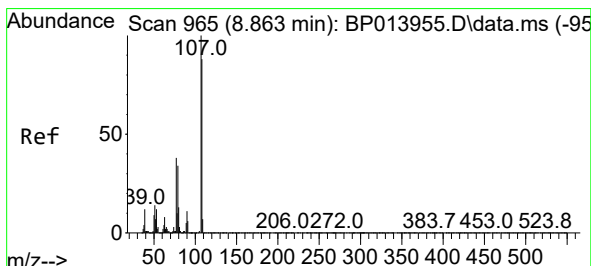
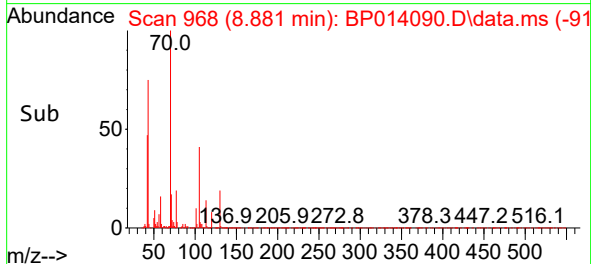
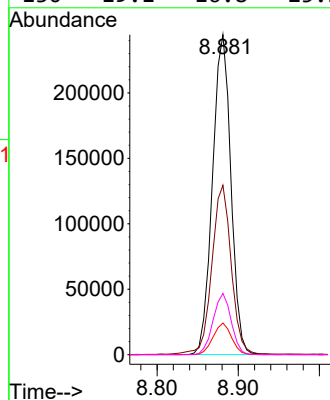
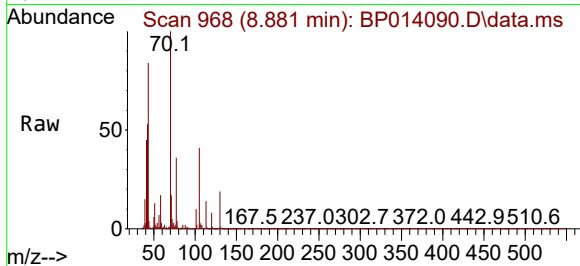


#19
n-Nitroso-di-n-propylamine
Concen: 51.650 ng
RT: 8.881 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Instrument :
BNA_P
ClientSampleId :
PB151373BSD

Tgt Ion: 70 Resp: 384159

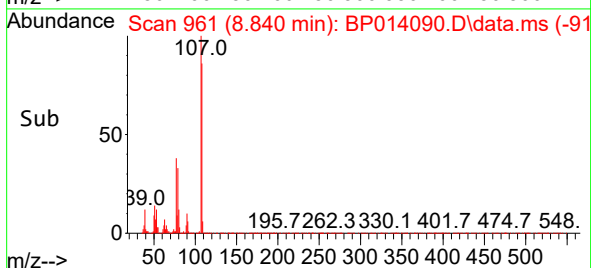
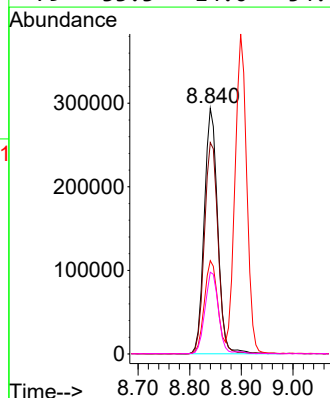
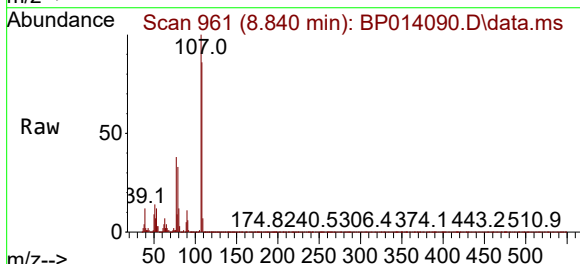
Ion	Ratio	Lower	Upper
70	100		
42	52.9	42.4	63.6
101	9.9	8.2	12.4
130	19.1	16.8	25.2

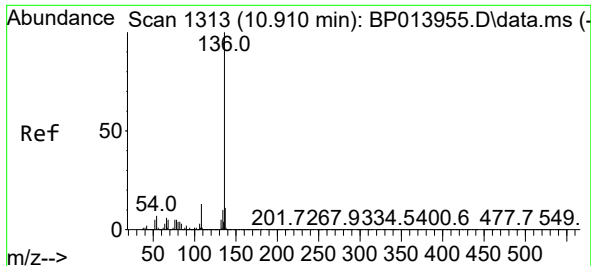


#20
3+4-Methylphenols
Concen: 46.937 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 107 Resp: 530197

Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.2	108.2
77	38.0	18.1	58.1
79	33.3	14.0	54.0

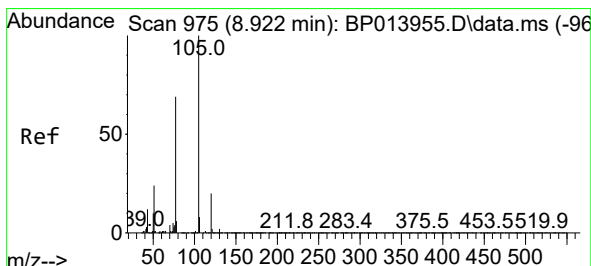
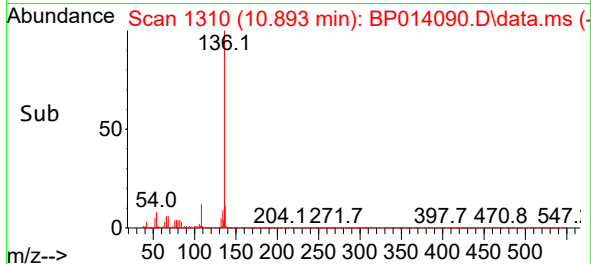
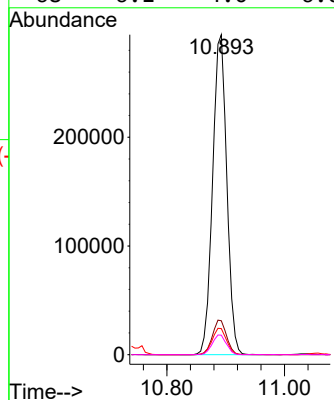
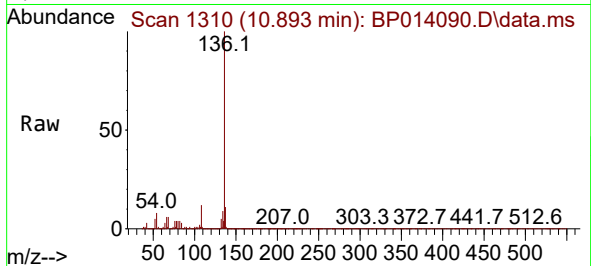




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

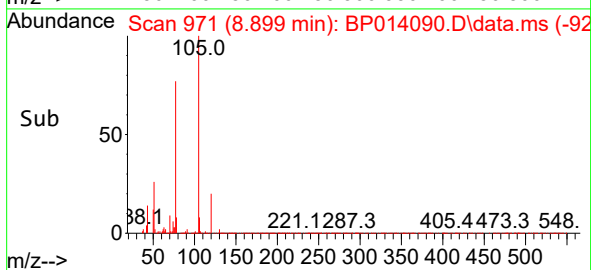
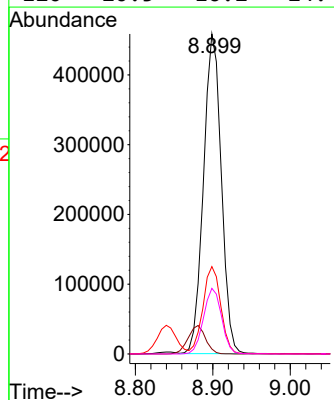
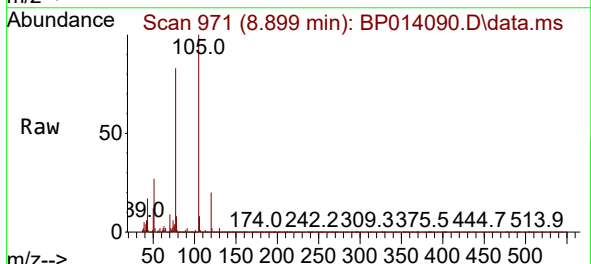
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

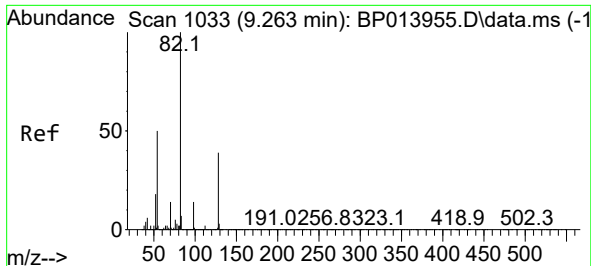
Tgt Ion:136 Resp: 492424
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.2 5.8 8.8
68 6.1 4.0 6.0#



#22
Acetophenone
Concen: 52.968 ng
RT: 8.899 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:105 Resp: 731612
Ion Ratio Lower Upper
105 100
71 1.5 1.4 2.0
51 27.3 21.5 32.3
120 20.5 16.2 24.4

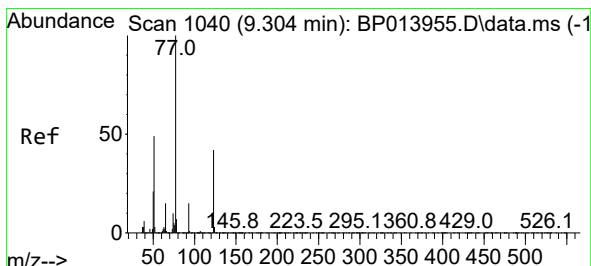
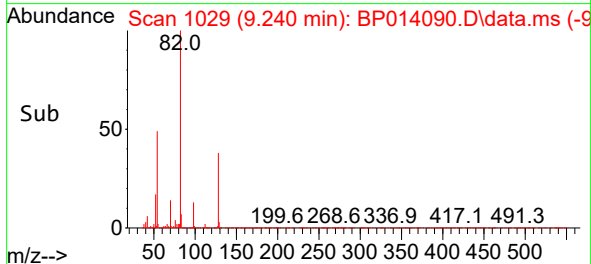
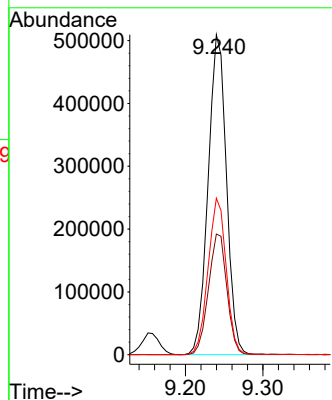
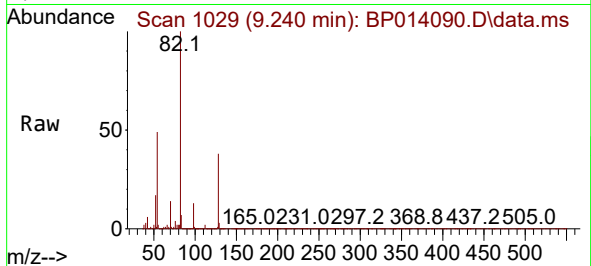




#23
Nitrobenzene-d5
Concen: 77.695 ng
RT: 9.240 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

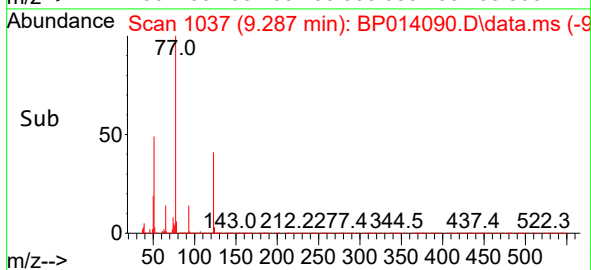
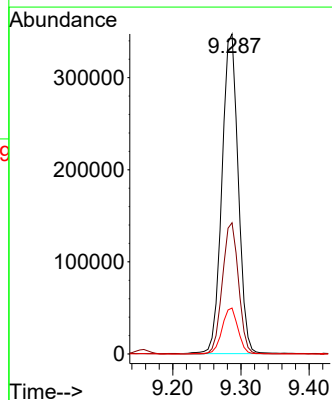
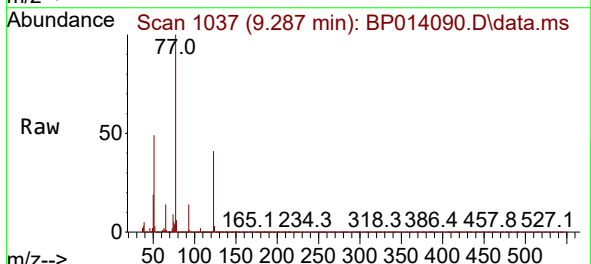
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

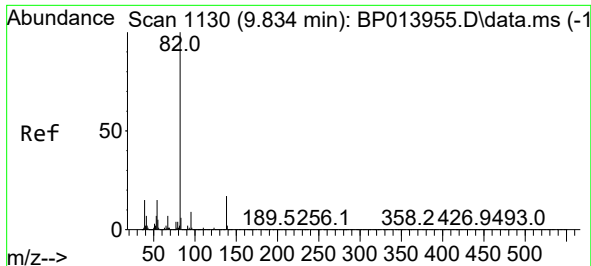
Tgt Ion: 82 Resp: 837070
Ion Ratio Lower Upper
82 100
128 37.7 31.1 46.7
54 48.9 40.0 60.0



#24
Nitrobenzene
Concen: 52.309 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 77 Resp: 576638
Ion Ratio Lower Upper
77 100
123 41.0 33.6 50.4
65 14.4 11.6 17.4

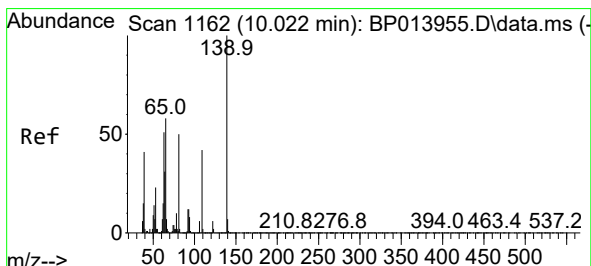
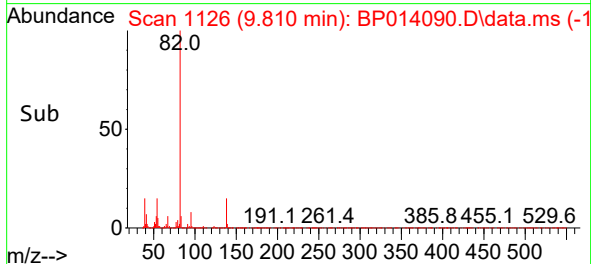
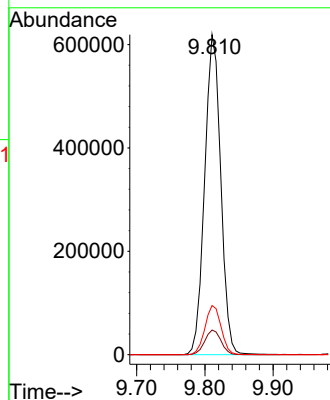
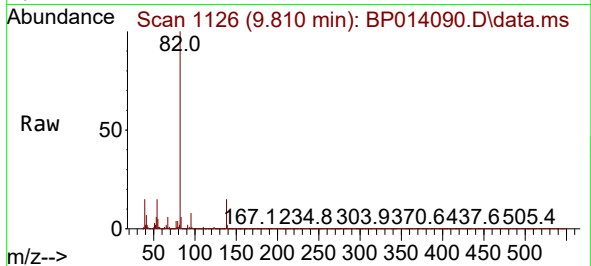




#25
Isophorone
Concen: 51.152 ng
RT: 9.810 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

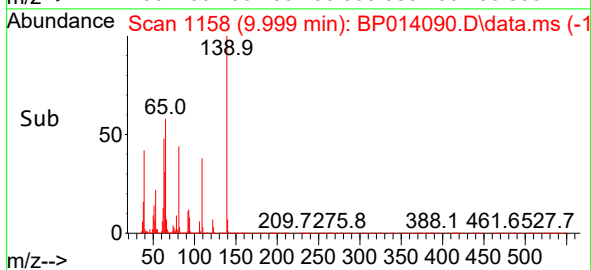
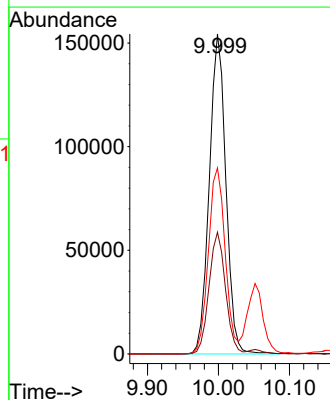
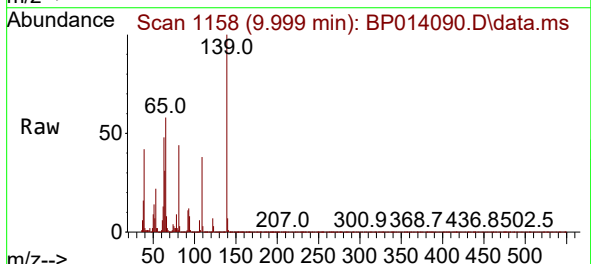
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

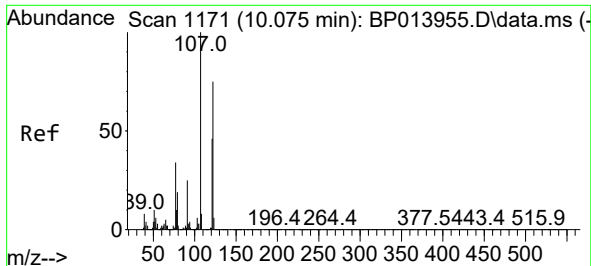
Tgt Ion: 82 Resp: 1015463
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 15.4 13.3 19.9



#26
2-Nitrophenol
Concen: 52.263 ng
RT: 9.999 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:139 Resp: 250603
Ion Ratio Lower Upper
139 100
109 38.1 33.8 50.8
65 58.2 46.6 70.0





#27

2,4-Dimethylphenol

Concen: 53.649 ng

RT: 10.052 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

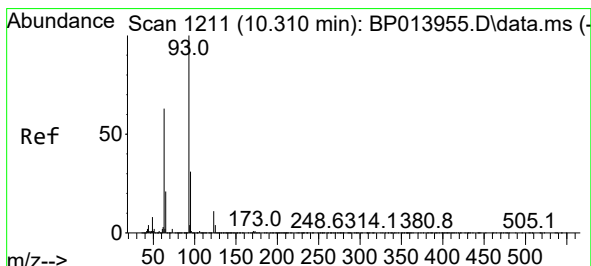
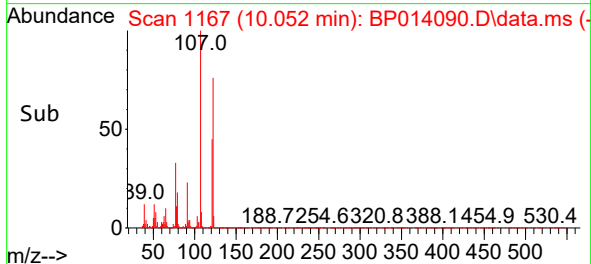
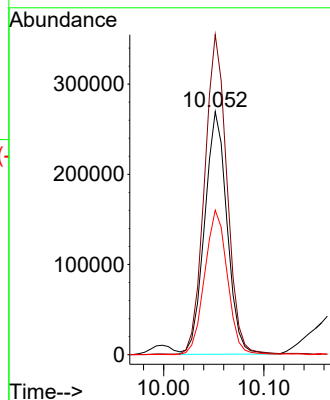
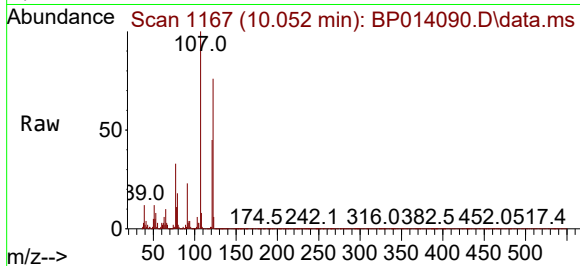
Tgt Ion:122 Resp: 418278

Ion Ratio Lower Upper

122 100

107 131.6 105.9 158.9

121 59.4 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 53.938 ng

RT: 10.293 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

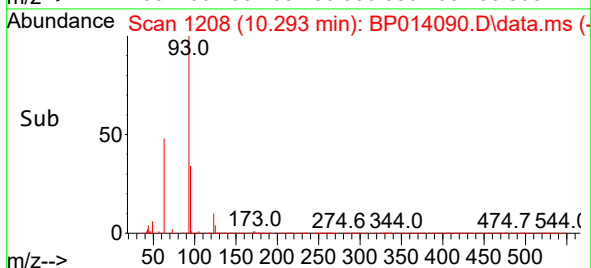
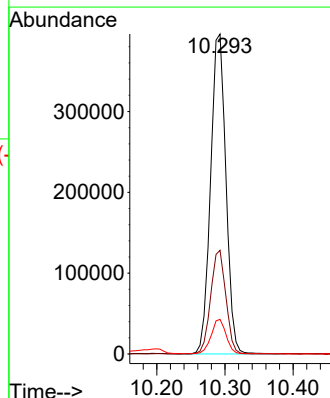
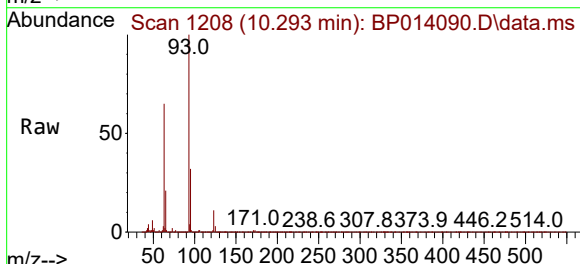
Tgt Ion: 93 Resp: 619743

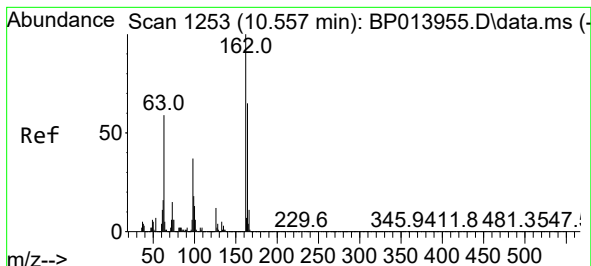
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.6

123 10.8 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 51.399 ng

RT: 10.534 min Scan# 1253

Delta R.T. -0.012 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

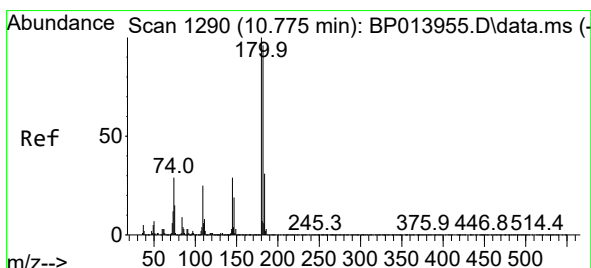
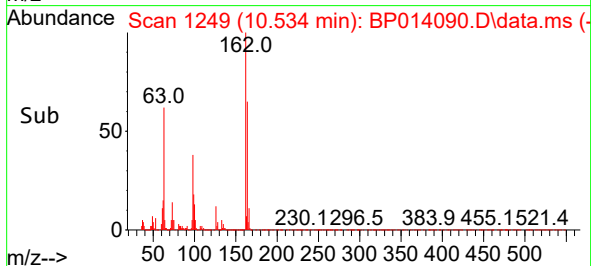
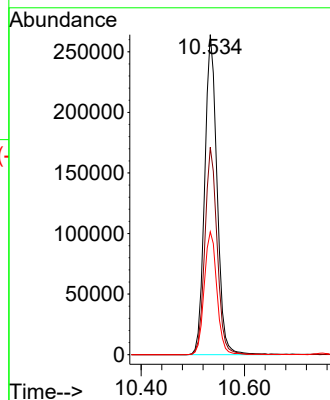
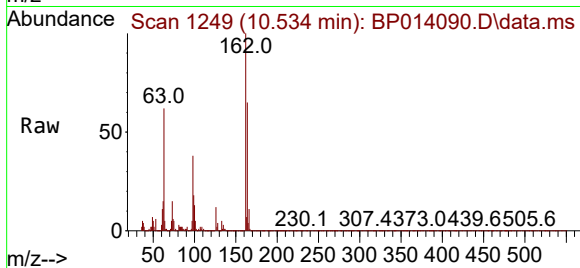
Tgt Ion:162 Resp: 438663

Ion Ratio Lower Upper

162 100

164 64.8 44.7 84.7

98 38.4 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 51.982 ng

RT: 10.752 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

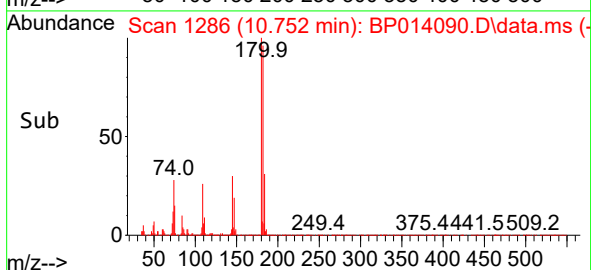
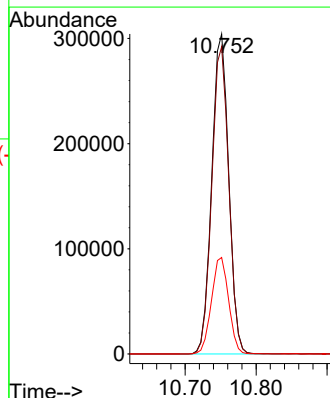
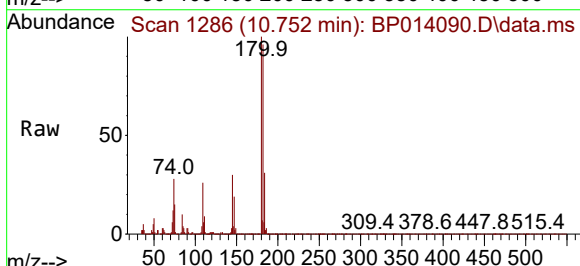
Tgt Ion:180 Resp: 503669

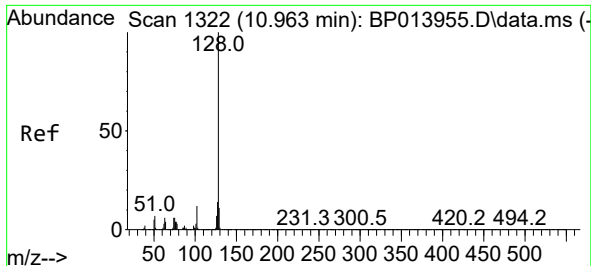
Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

145 30.2 23.5 35.3

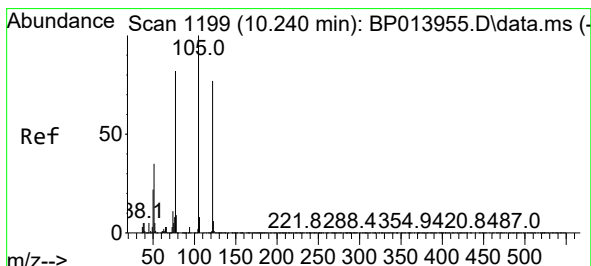
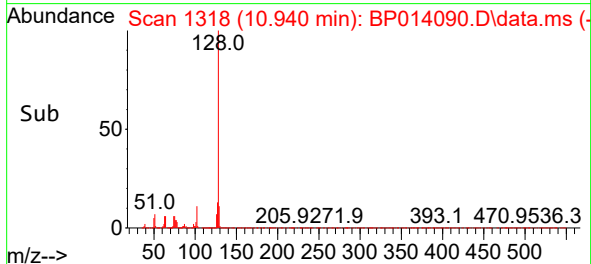
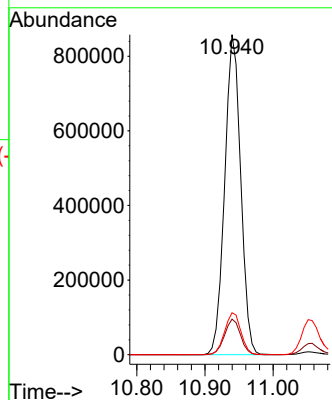
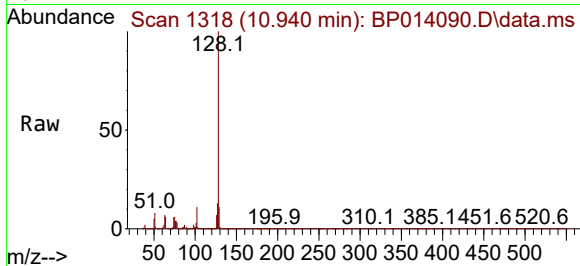




#31
Naphthalene
Concen: 51.685 ng
RT: 10.940 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

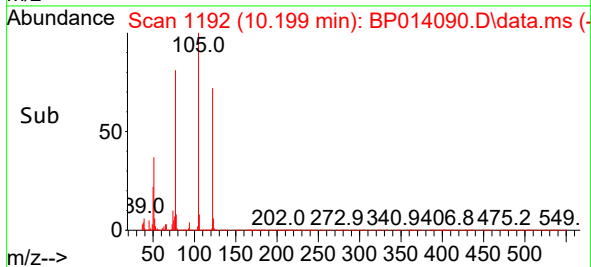
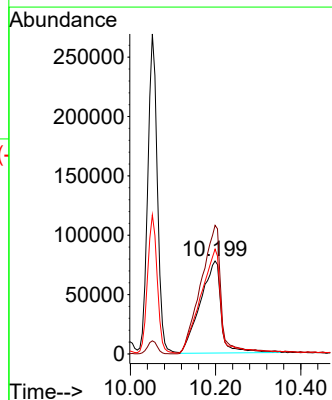
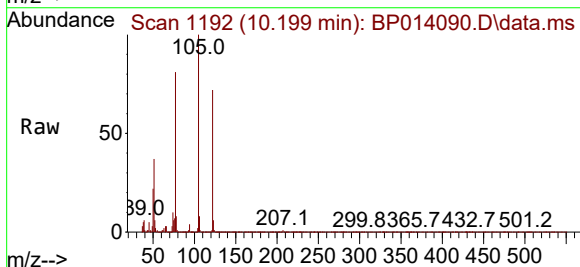
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

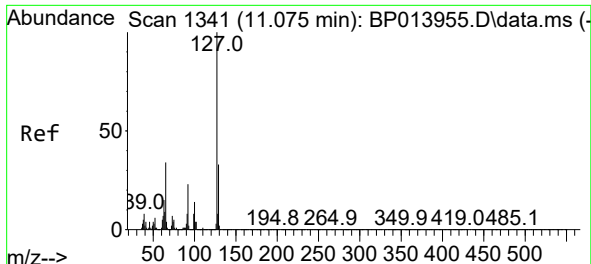
Tgt Ion:128 Resp: 1398504
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 11.2 16.8



#32
Benzoic acid
Concen: 41.123 ng
RT: 10.199 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:122 Resp: 263046
Ion Ratio Lower Upper
122 100
105 138.4 108.2 148.2
77 112.8 85.2 125.2

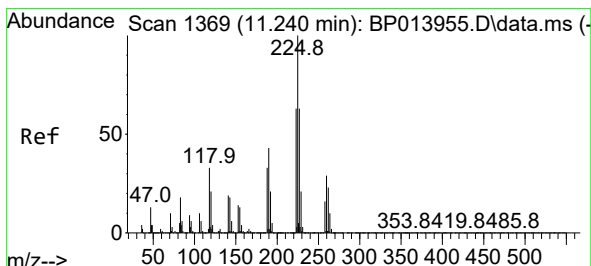
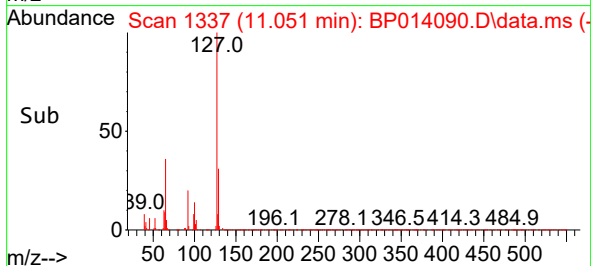
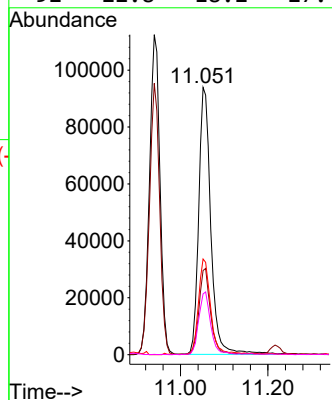
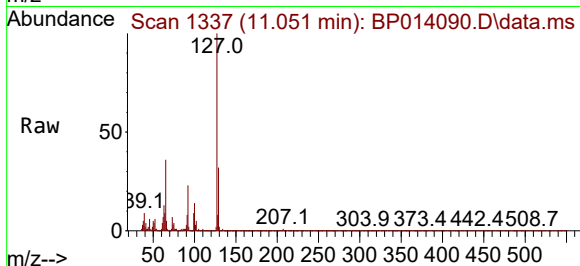




#33
4-Chloroaniline
Concen: 15.642 ng
RT: 11.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

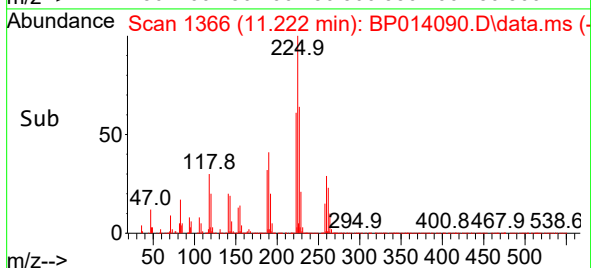
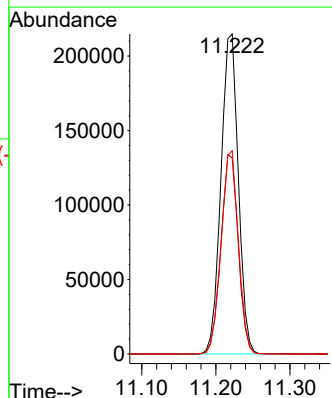
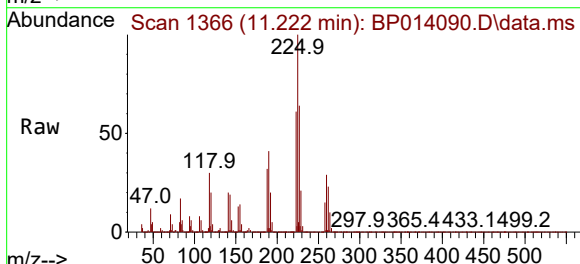
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

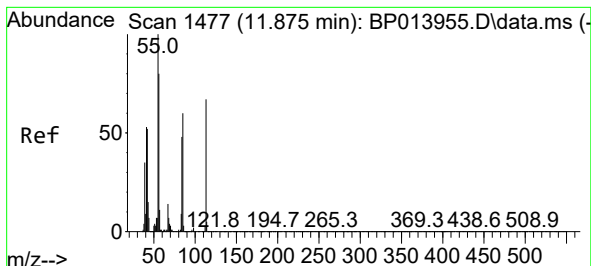
Tgt Ion:	127	Resp:	181432
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	35.8	27.0	40.4
92	22.8	18.2	27.4



#34
Hexachlorobutadiene
Concen: 49.577 ng
RT: 11.222 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:	225	Resp:	349247
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	63.5	50.2	75.4





#35

Caprolactam

Concen: 48.503 ng

RT: 11.846 min Scan# 1477

Delta R.T. -0.012 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

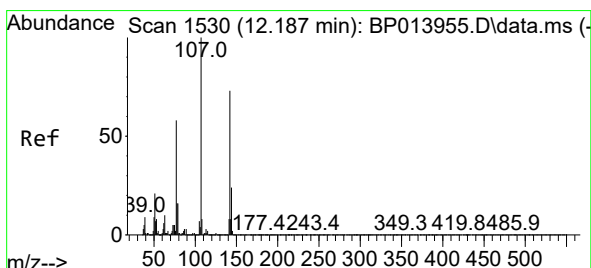
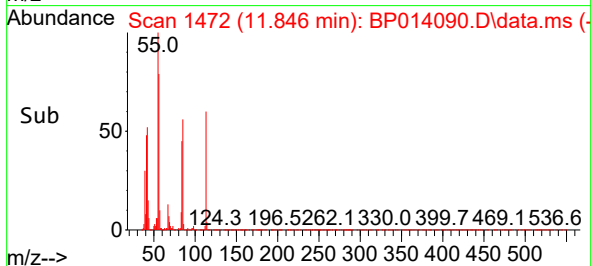
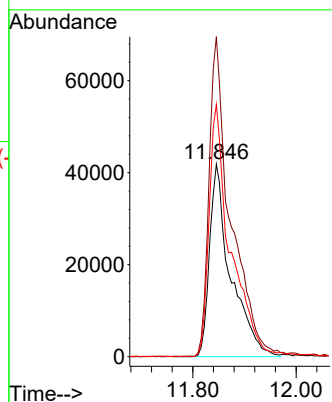
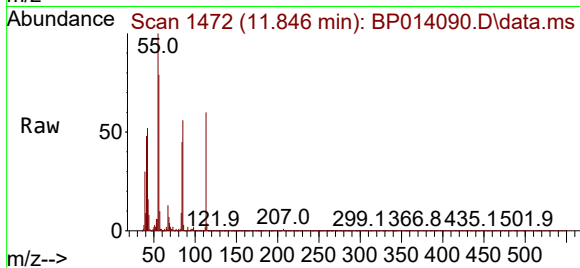
Tgt Ion:113 Resp: 118489

Ion Ratio Lower Upper

113 100

55 166.2 128.9 168.9

56 131.0 99.6 139.6



#36

4-Chloro-3-methylphenol

Concen: 50.433 ng

RT: 12.169 min Scan# 1527

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

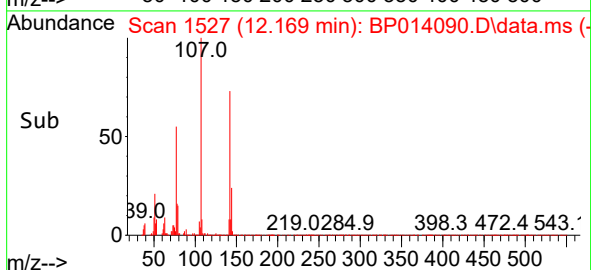
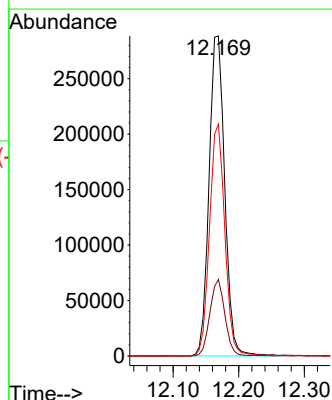
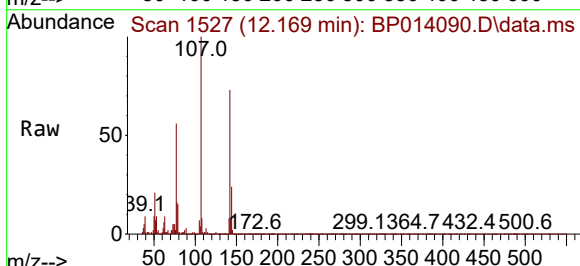
Tgt Ion:107 Resp: 480037

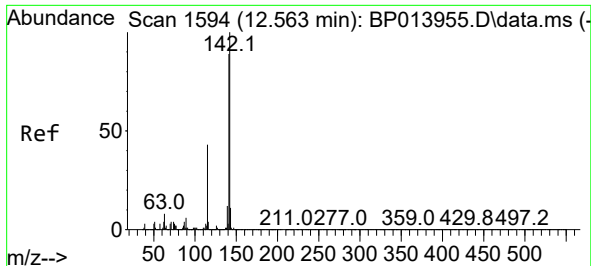
Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

142 72.5 58.5 87.7

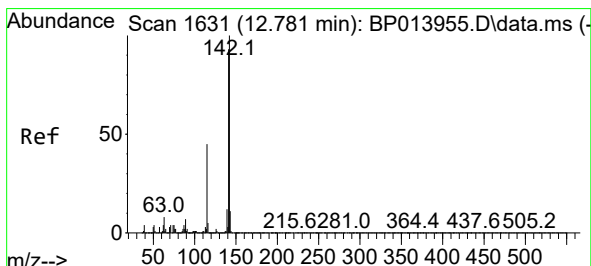
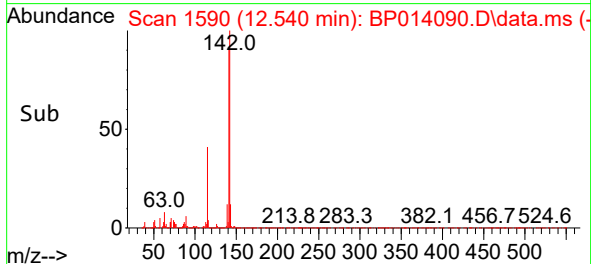
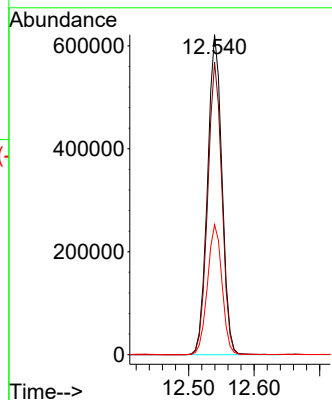
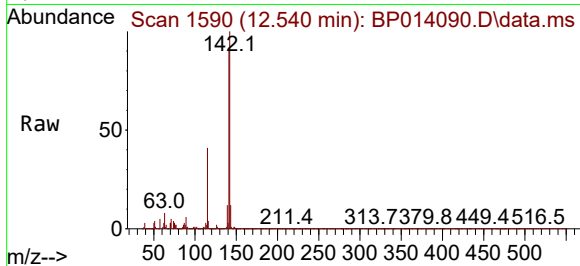




#37
2-Methylnaphthalene
Concen: 47.743 ng
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

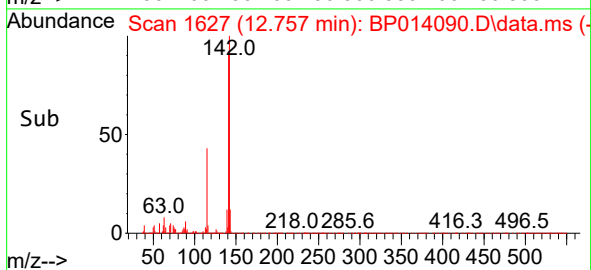
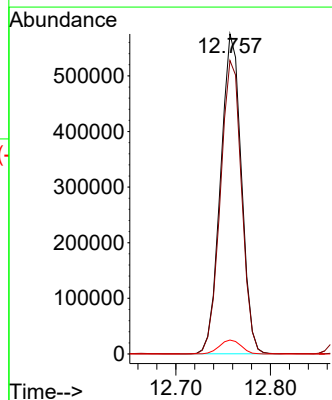
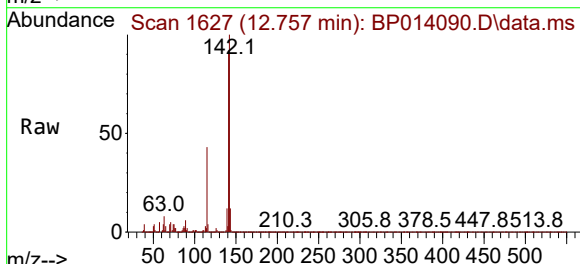
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

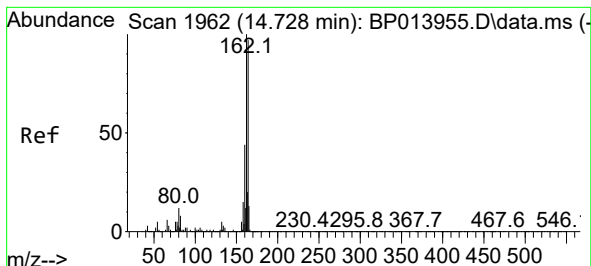
Tgt Ion:142 Resp: 953044
Ion Ratio Lower Upper
142 100
141 91.4 71.0 106.4
115 40.6 34.5 51.7



#38
1-Methylnaphthalene
Concen: 47.300 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:142 Resp: 880145
Ion Ratio Lower Upper
142 100
141 91.7 74.4 111.6
116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

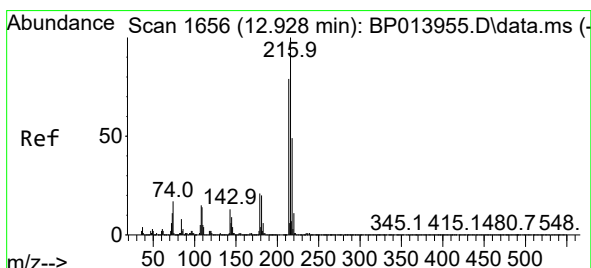
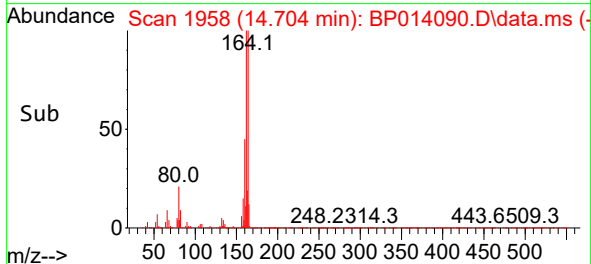
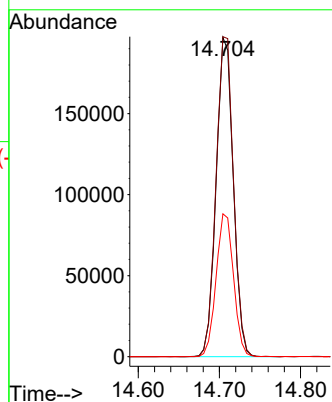
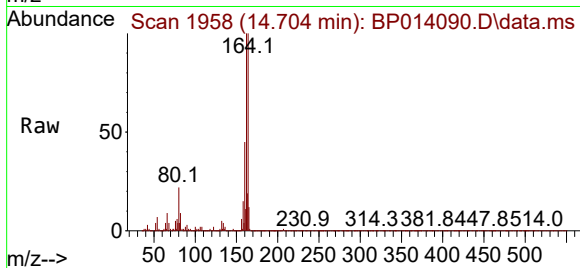
Tgt Ion:164 Resp: 288246

Ion Ratio Lower Upper

164 100

162 100.2 82.1 123.1

160 44.7 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.020 ng

RT: 12.904 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Tgt Ion:216 Resp: 571552

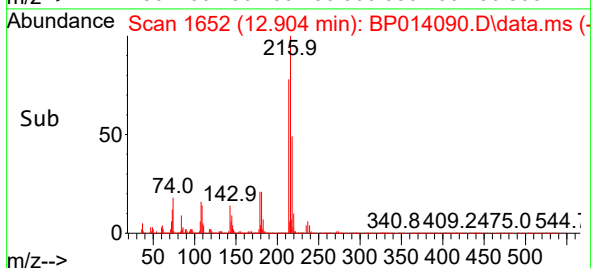
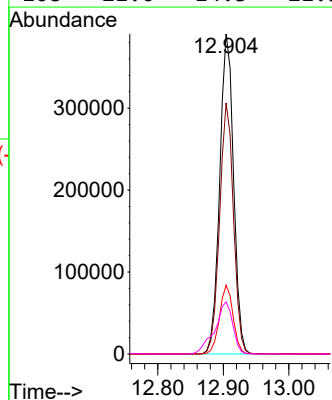
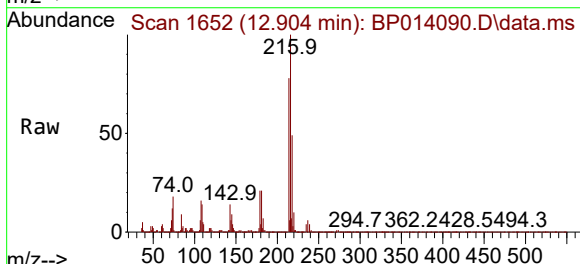
Ion Ratio Lower Upper

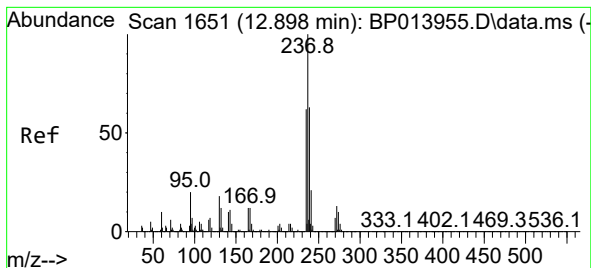
216 100

214 78.2 62.2 93.2

179 21.0 16.6 24.8

108 21.0 14.3 21.5

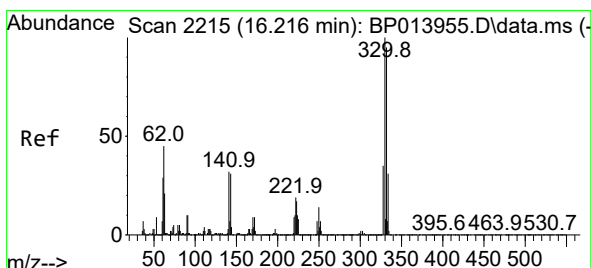
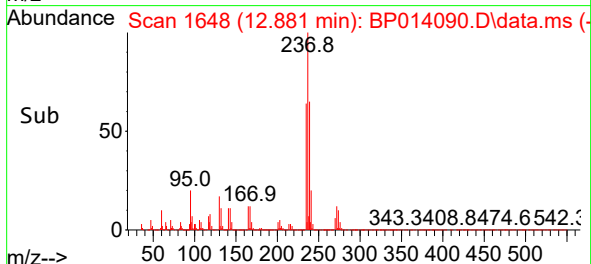
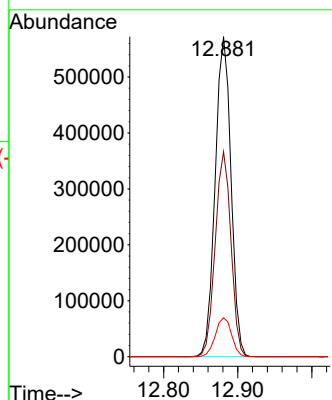
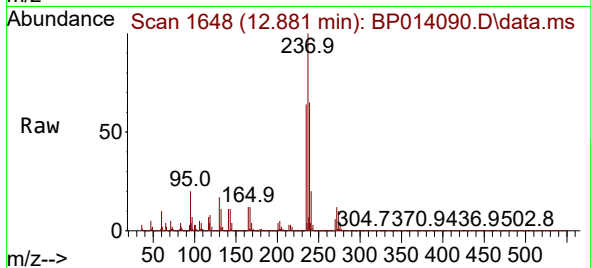




#41
Hexachlorocyclopentadiene
Concen: 122.966 ng
RT: 12.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

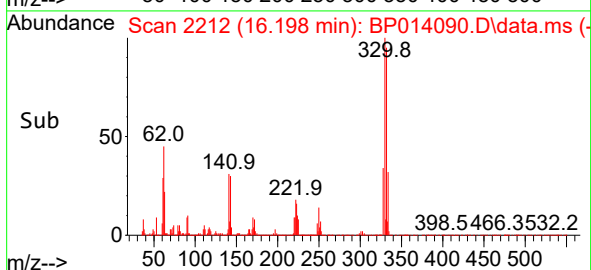
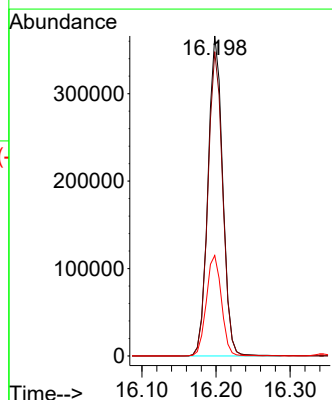
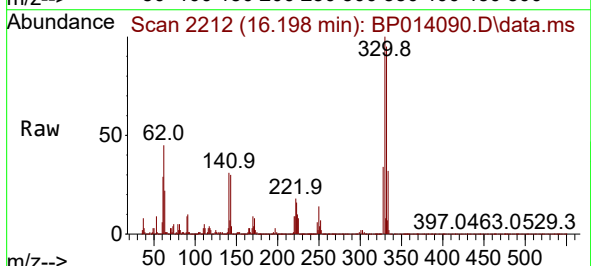
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

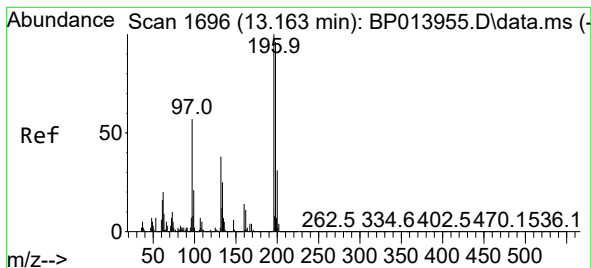
Tgt Ion:237 Resp: 847881
Ion Ratio Lower Upper
237 100
235 64.1 41.9 81.9
272 12.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 107.719 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:330 Resp: 503423
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 32.4 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 51.055 ng

RT: 13.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

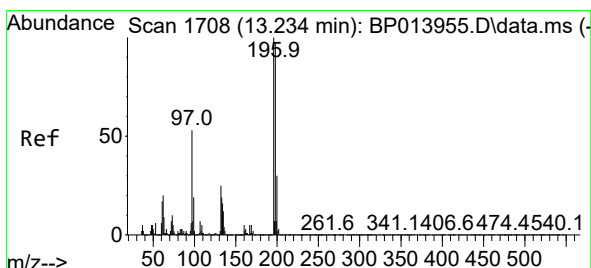
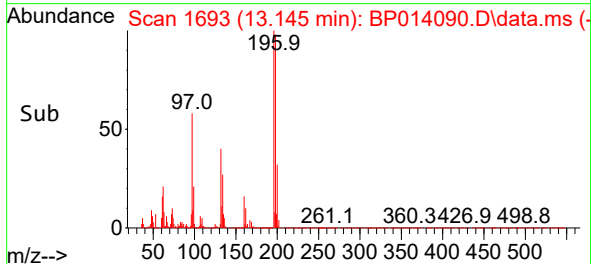
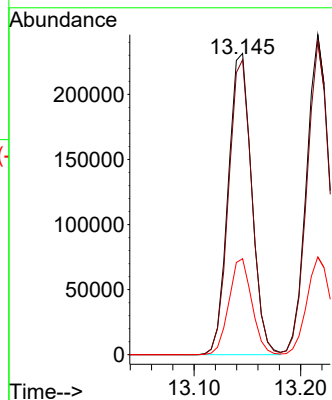
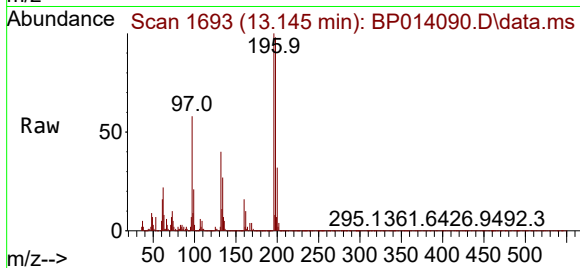
Tgt Ion:196 Resp: 354571

Ion Ratio Lower Upper

196 100

198 97.9 76.7 115.1

200 31.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 47.264 ng

RT: 13.216 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Tgt Ion:196 Resp: 380363

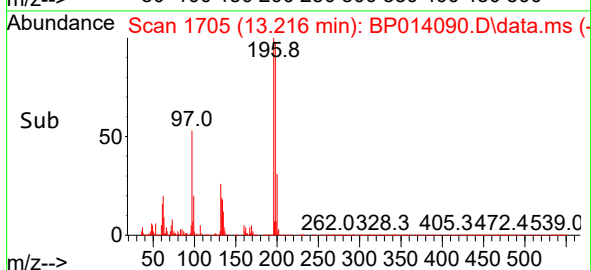
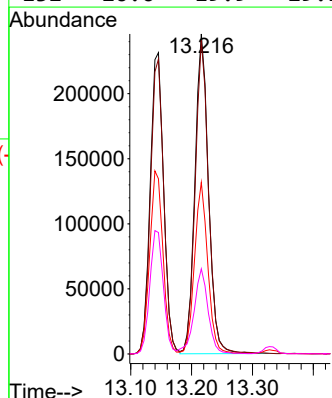
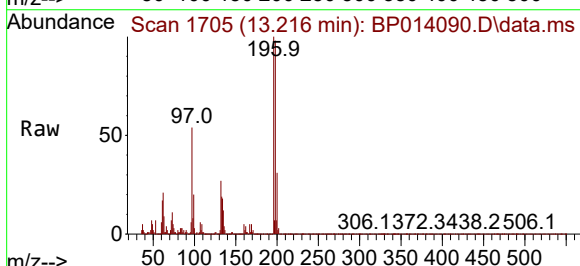
Ion Ratio Lower Upper

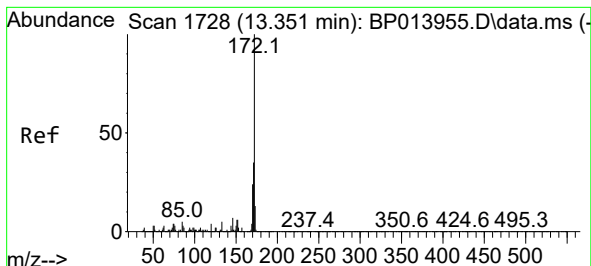
196 100

198 98.0 77.5 116.3

97 53.6 42.6 64.0

132 26.6 19.9 29.9

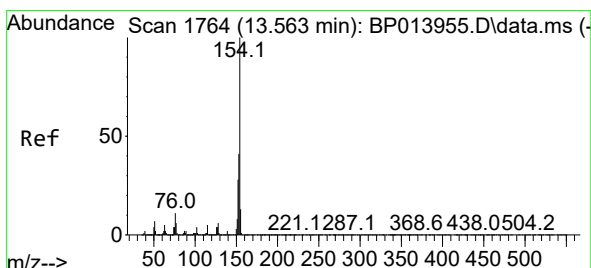
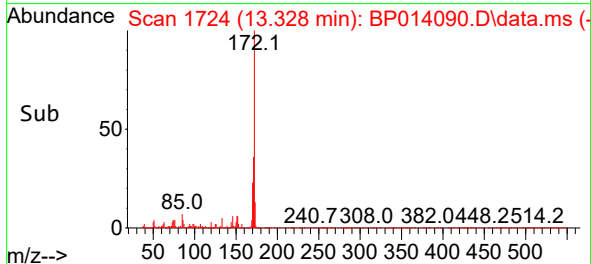
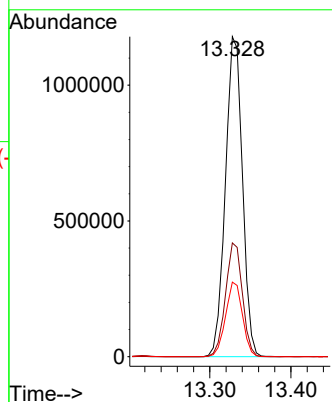
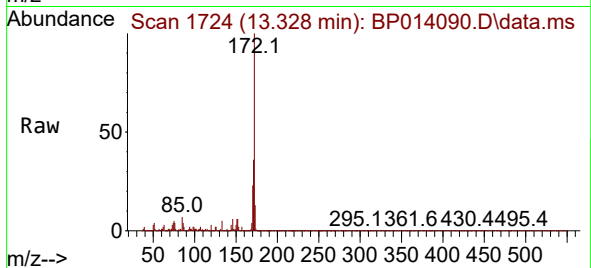




#45
2-Fluorobiphenyl
Concen: 77.220 ng
RT: 13.328 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

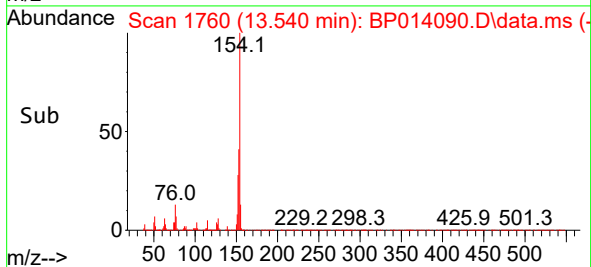
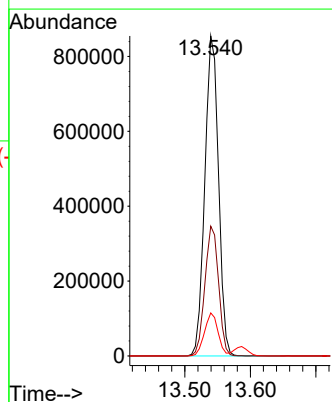
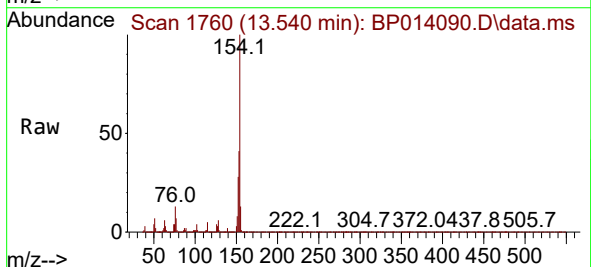
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

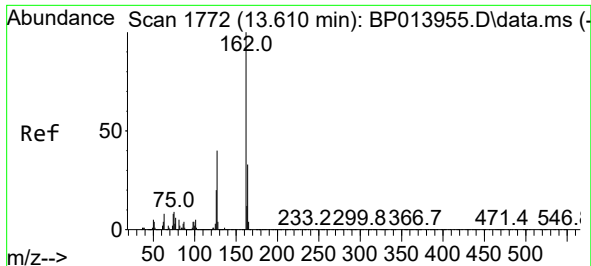
Tgt Ion:172 Resp: 1718030
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 53.568 ng
RT: 13.540 min Scan# 1760
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:154 Resp: 1242850
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 13.4 0.0 31.0

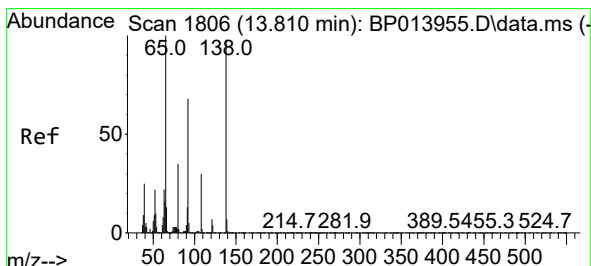
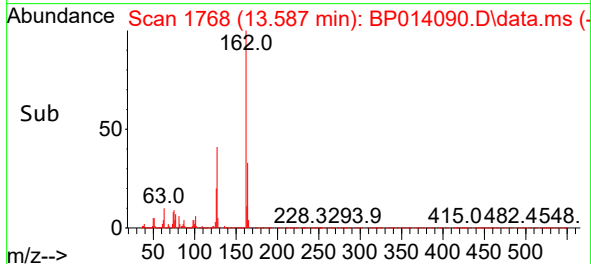
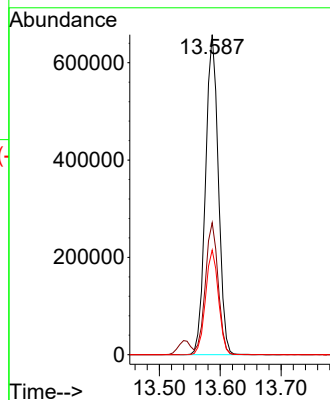
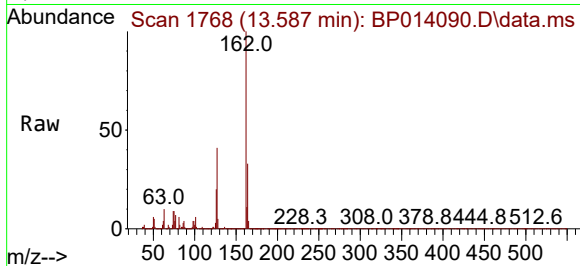




#47
2-Chloronaphthalene
Concen: 54.006 ng
RT: 13.587 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

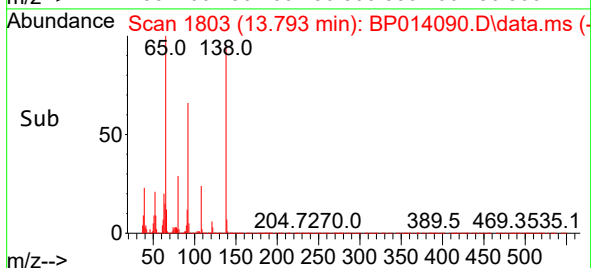
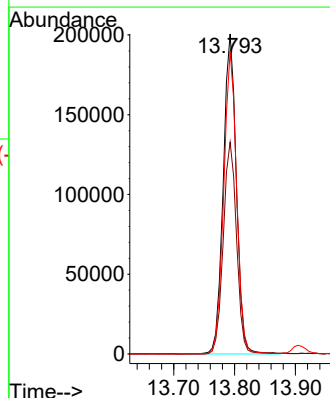
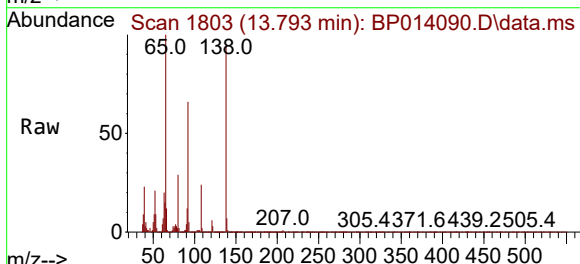
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

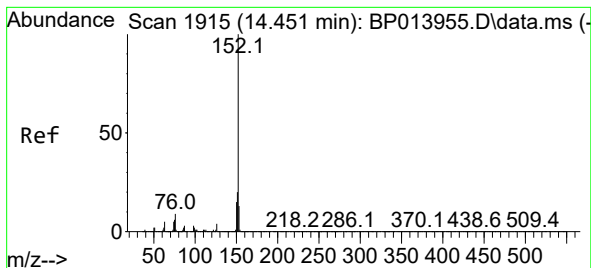
Tgt Ion:162 Resp: 964586
Ion Ratio Lower Upper
162 100
127 41.3 32.5 48.7
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 55.200 ng
RT: 13.793 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion: 65 Resp: 299208
Ion Ratio Lower Upper
65 100
92 66.2 54.4 81.6
138 94.6 78.0 117.0





#49

Acenaphthylene

Concen: 52.031 ng

RT: 14.434 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

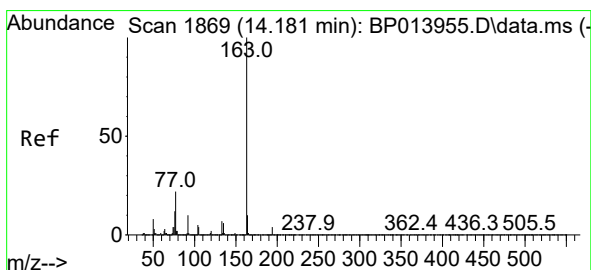
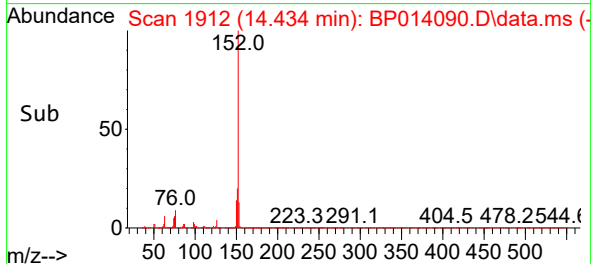
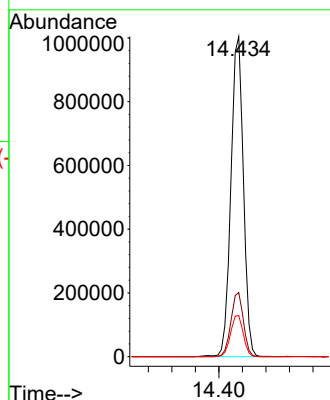
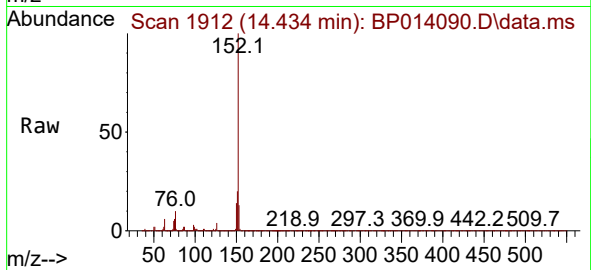
Tgt Ion:152 Resp: 1477886

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 49.691 ng

RT: 14.157 min Scan# 1865

Delta R.T. -0.012 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

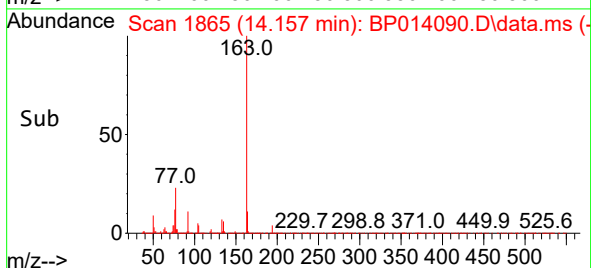
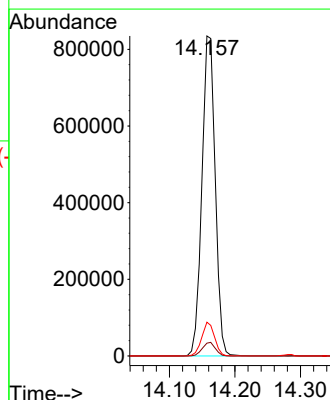
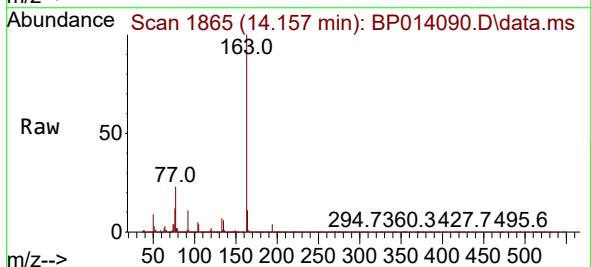
Tgt Ion:163 Resp: 1181643

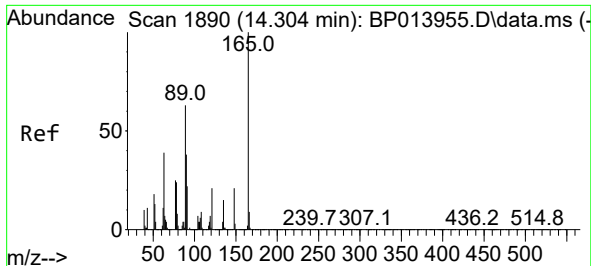
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.5 8.1 12.1

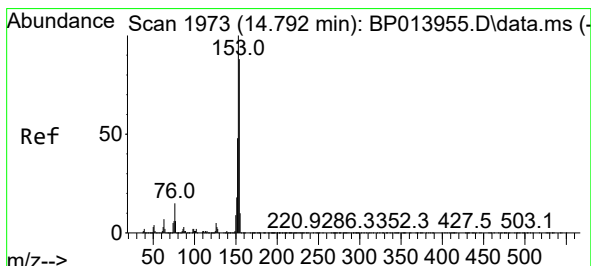
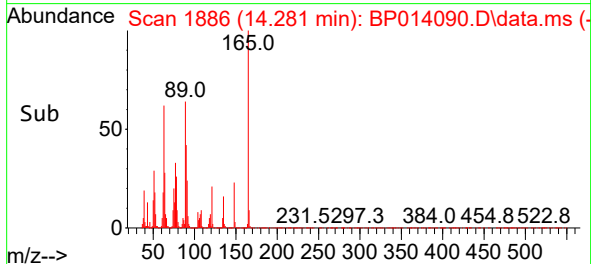
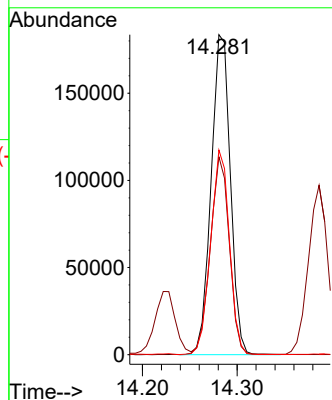
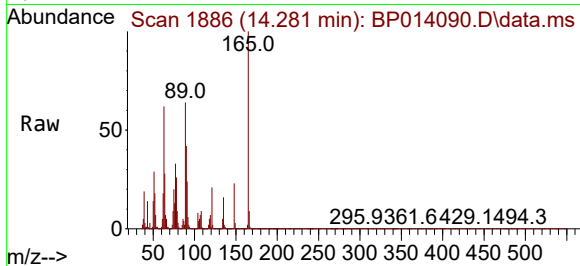




#51
2,6-Dinitrotoluene
Concen: 51.541 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

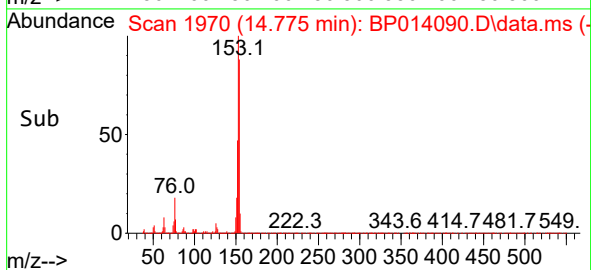
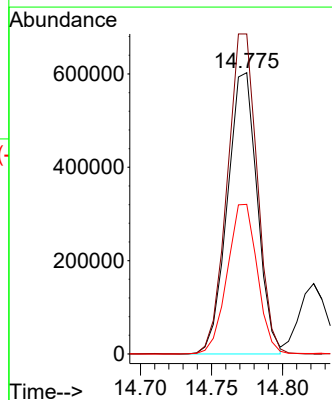
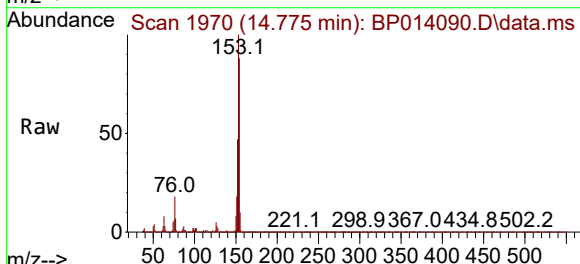
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

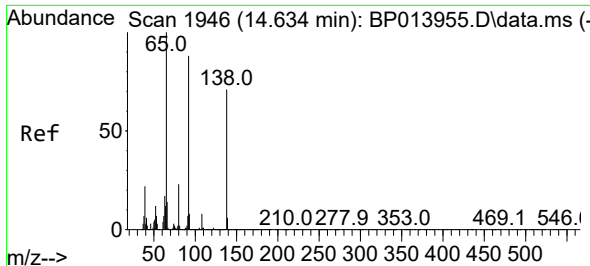
Tgt Ion:165 Resp: 258104
Ion Ratio Lower Upper
165 100
63 61.8 46.7 70.1
89 64.0 50.8 76.2



#52
Acenaphthene
Concen: 51.447 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:154 Resp: 879658
Ion Ratio Lower Upper
154 100
153 113.7 91.3 136.9
152 53.2 43.4 65.0

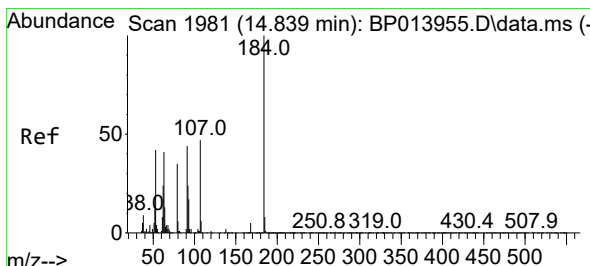
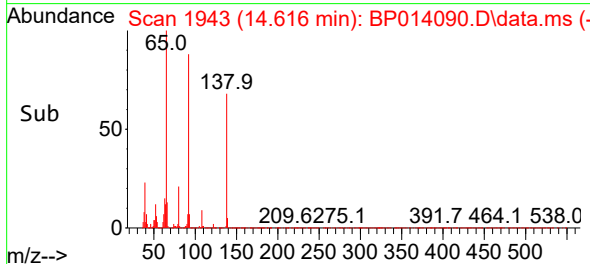
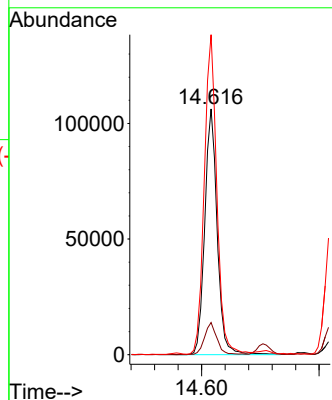
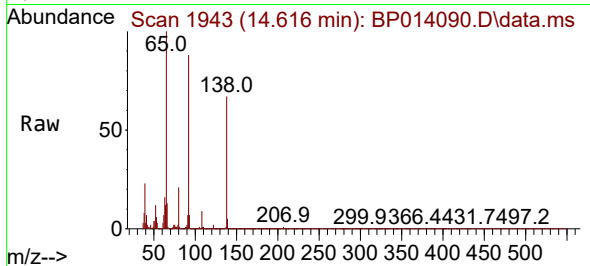




#53
3-Nitroaniline
Concen: 31.852 ng
RT: 14.616 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

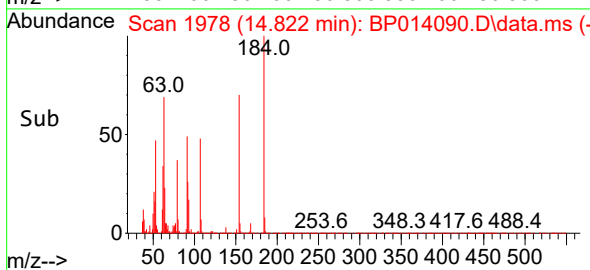
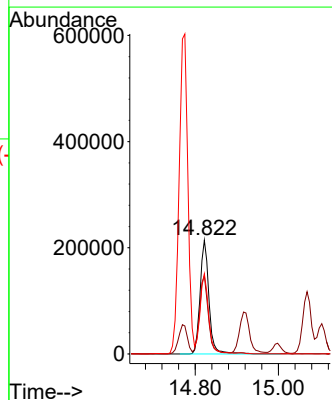
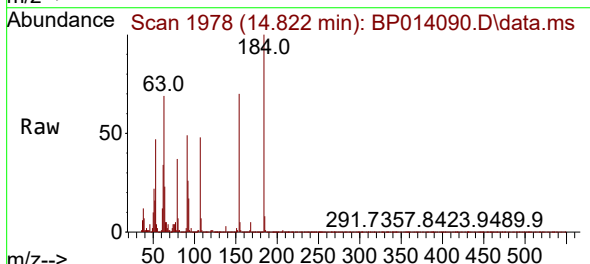
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

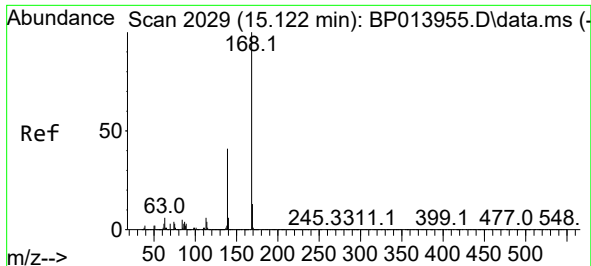
Tgt Ion:138 Resp: 156322
Ion Ratio Lower Upper
138 100
108 13.1 9.5 14.3
92 130.2 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 85.722 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:184 Resp: 319141
Ion Ratio Lower Upper
184 100
63 68.8 52.4 78.6
154 70.5 59.4 89.2

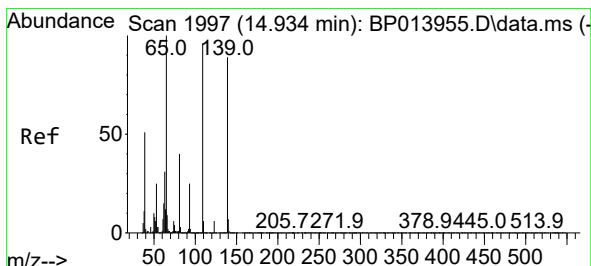
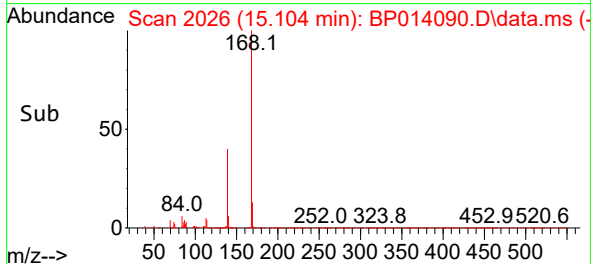
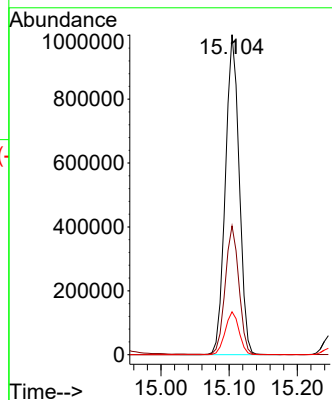
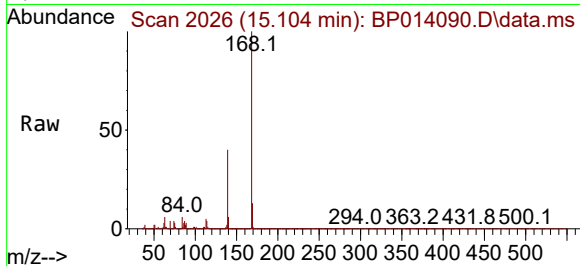




#55
Dibenzenofuran
Concen: 50.712 ng
RT: 15.104 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

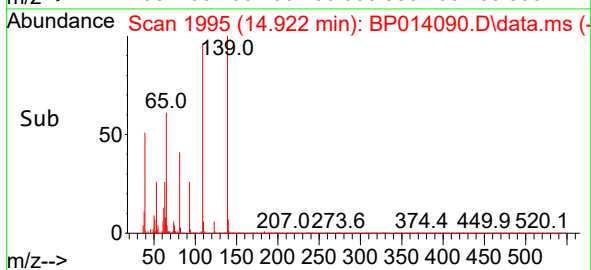
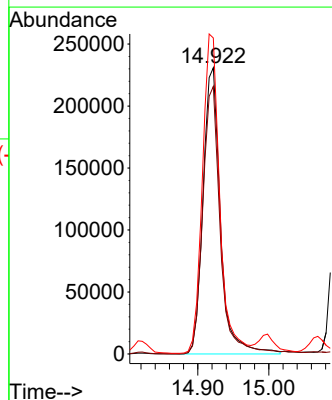
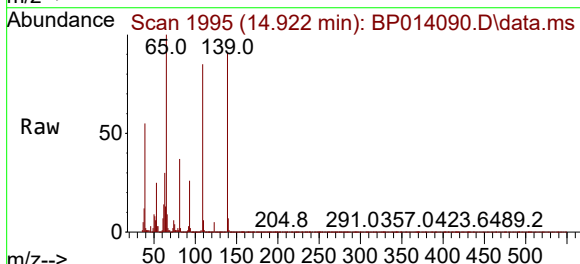
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

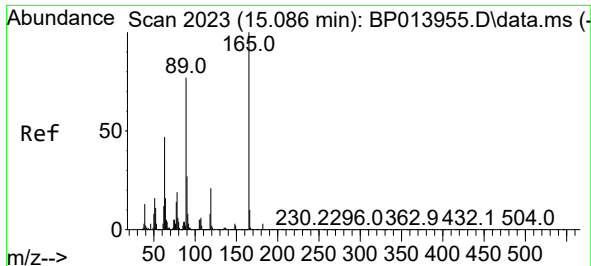
Tgt Ion:168 Resp: 1413603
Ion Ratio Lower Upper
168 100
139 40.2 32.9 49.3
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 98.869 ng
RT: 14.922 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:139 Resp: 395119
Ion Ratio Lower Upper
139 100
109 93.5 87.0 127.0
65 110.4 92.1 132.1

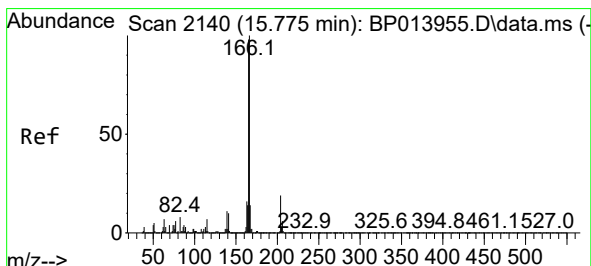
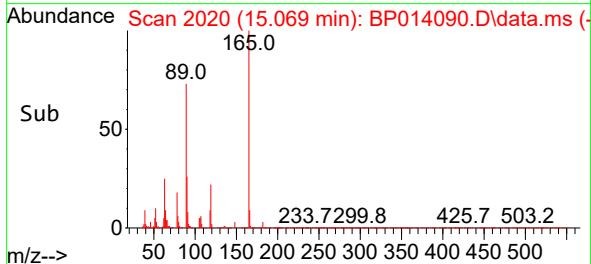
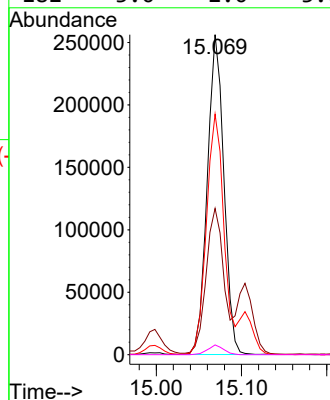
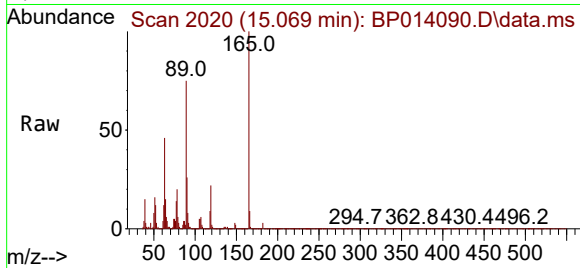




#57
2,4-Dinitrotoluene
Concen: 51.775 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

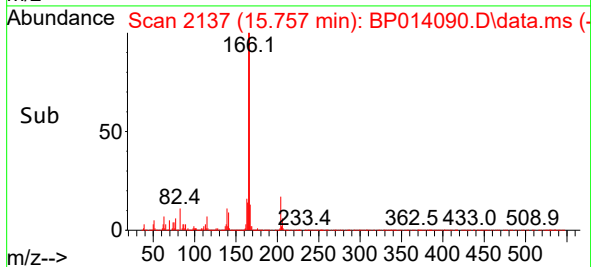
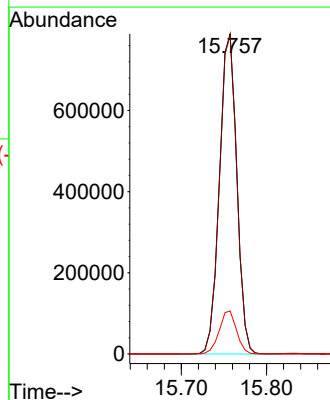
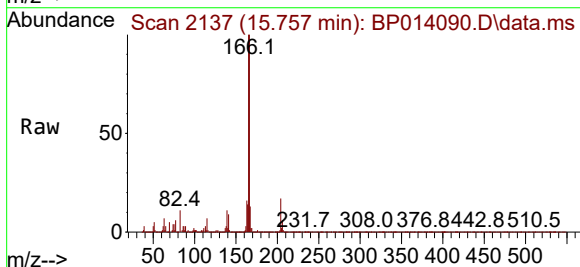
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

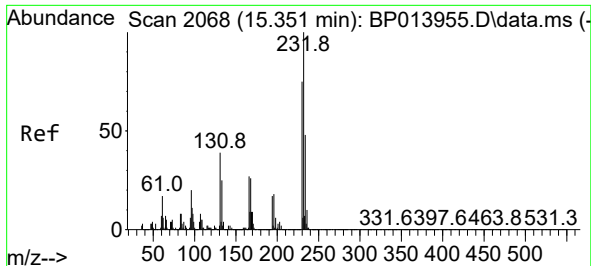
Tgt Ion:165 Resp: 346582
Ion Ratio Lower Upper
165 100
63 45.7 37.5 56.3
89 75.1 61.8 92.8
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 50.332 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:166 Resp: 1114018
Ion Ratio Lower Upper
166 100
165 99.6 78.1 117.1
167 13.5 10.8 16.2

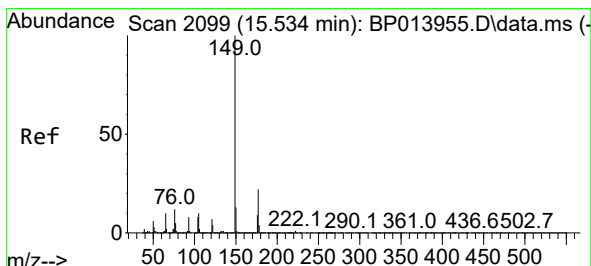
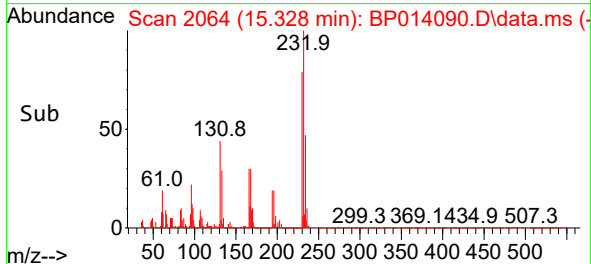
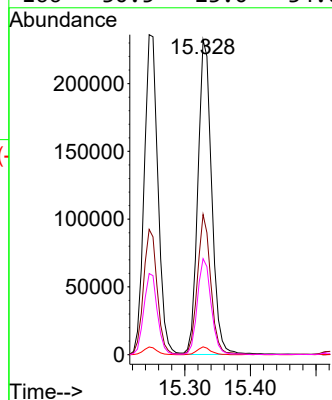
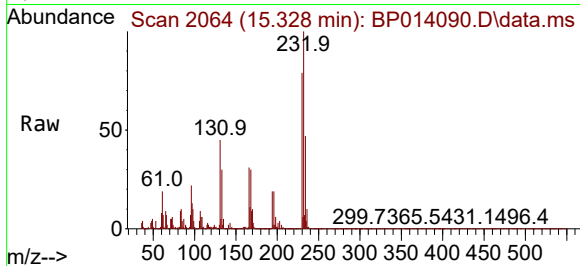




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.389 ng
RT: 15.328 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

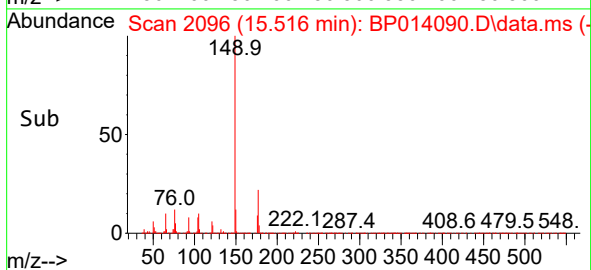
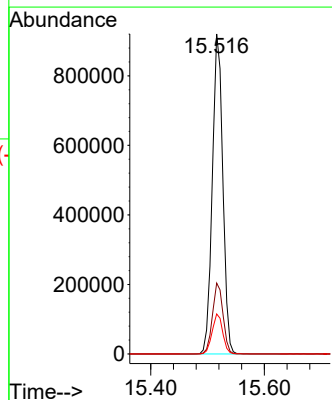
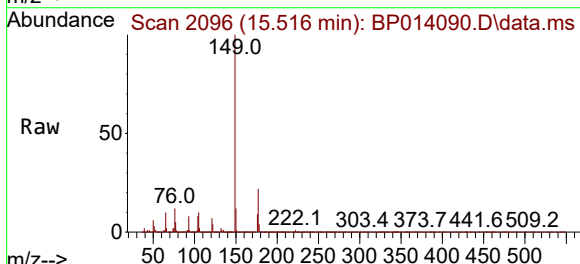
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

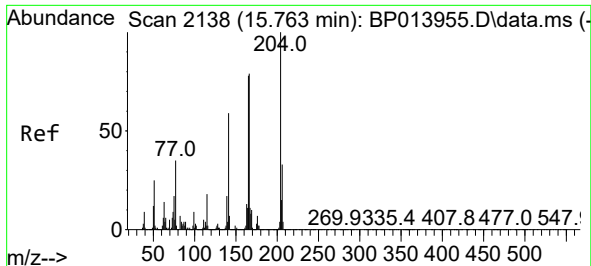
Tgt Ion:232 Resp: 339725
Ion Ratio Lower Upper
232 100
131 42.9 32.5 48.7
130 2.4 1.9 2.9
166 30.5 23.0 34.6



#60
Diethylphthalate
Concen: 50.002 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:149 Resp: 1173981
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.5 10.3 15.5

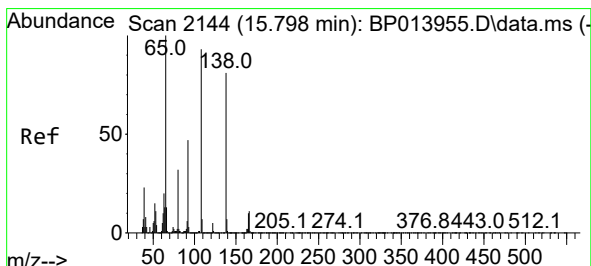
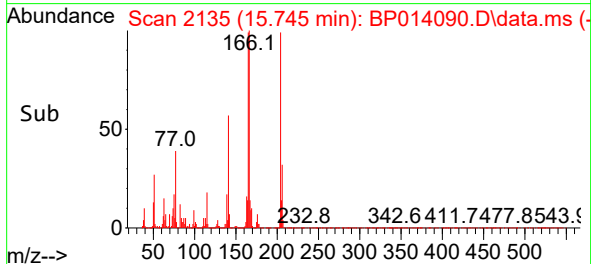
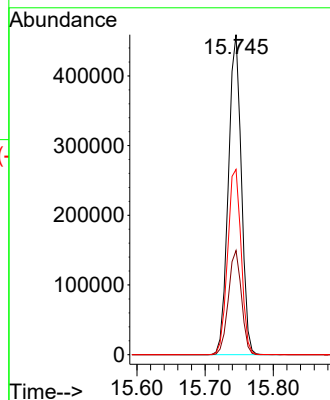
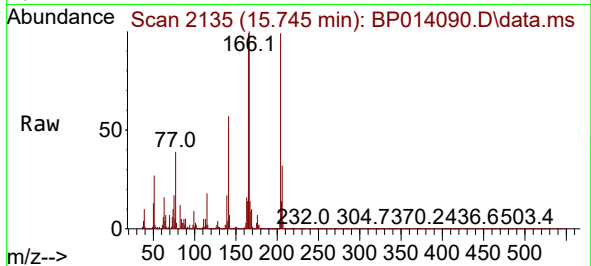




#61
4-Chlorophenyl-phenylether
Concen: 48.372 ng
RT: 15.745 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

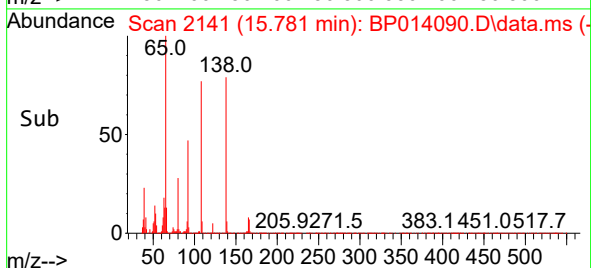
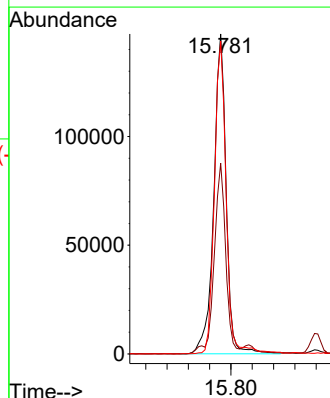
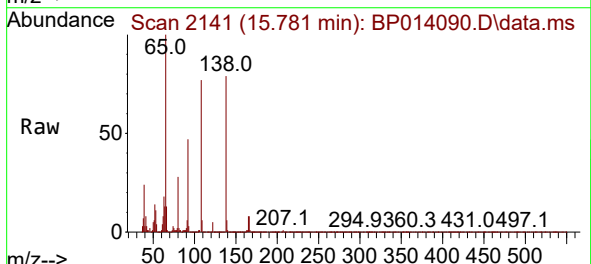
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

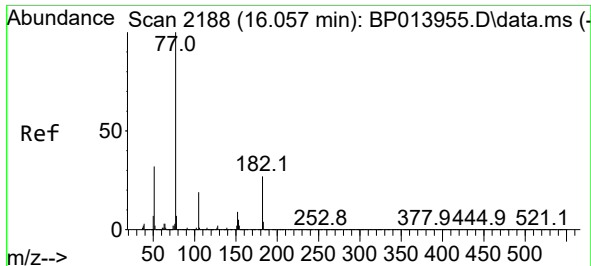
Tgt Ion:204 Resp: 606926
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 57.9 46.9 70.3



#62
4-Nitroaniline
Concen: 48.822 ng
RT: 15.781 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:138 Resp: 238580
Ion Ratio Lower Upper
138 100
92 59.7 37.9 77.9
108 97.8 94.9 134.9



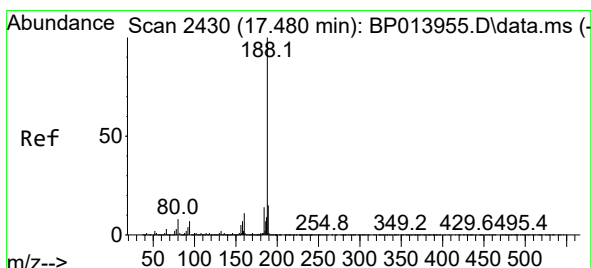
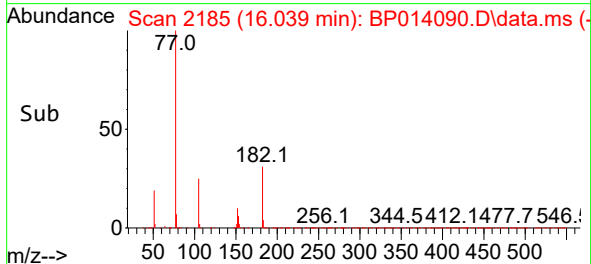
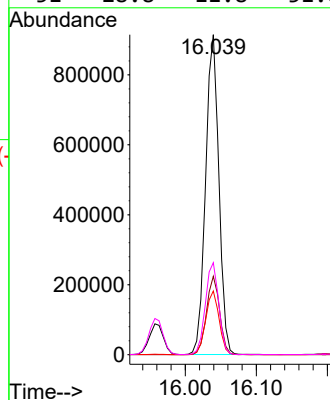
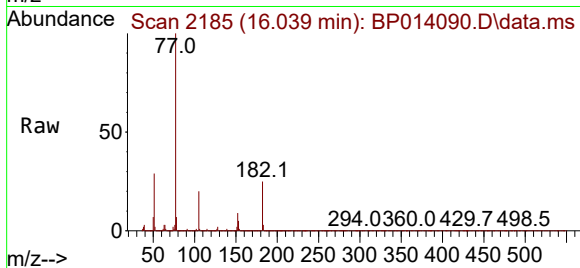


#63
Azobenzene
Concen: 54.693 ng
RT: 16.039 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Instrument :
BNA_P
ClientSampleId :
PB151373BSD

Tgt Ion: 77 Resp: 1188247

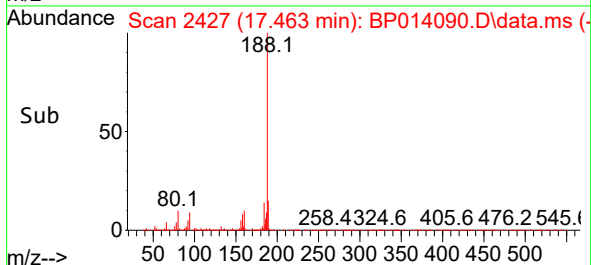
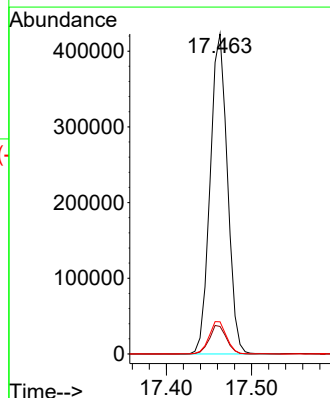
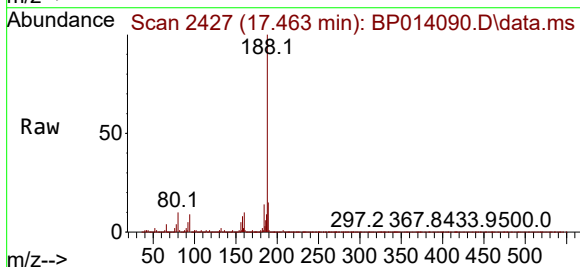
Ion	Ratio	Lower	Upper
77	100		
182	24.5	6.9	46.9
105	19.9	0.0	39.4
51	28.8	11.8	51.8

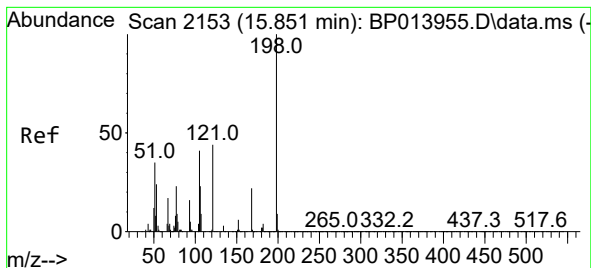


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:188 Resp: 594479

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.8	8.6
80	10.0	6.6	9.8#

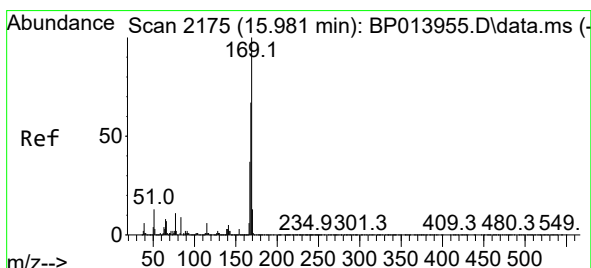
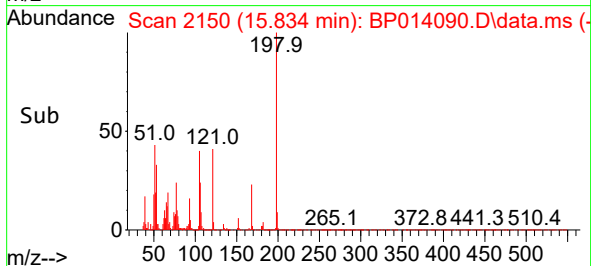
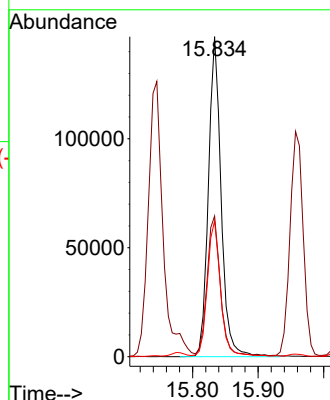
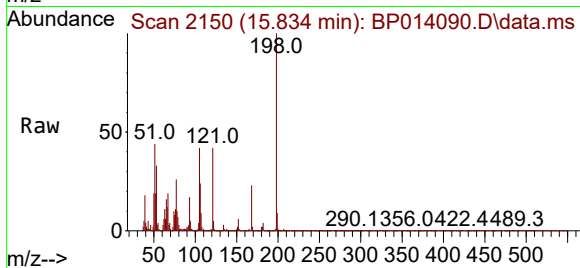




#65
4,6-Dinitro-2-methylphenol
Concen: 45.114 ng
RT: 15.834 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

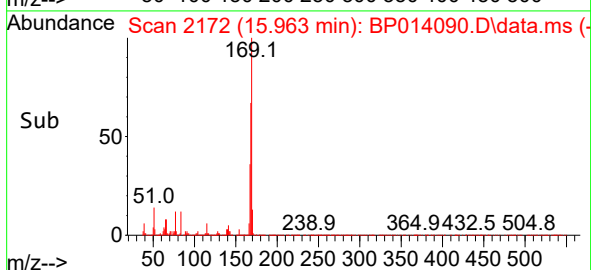
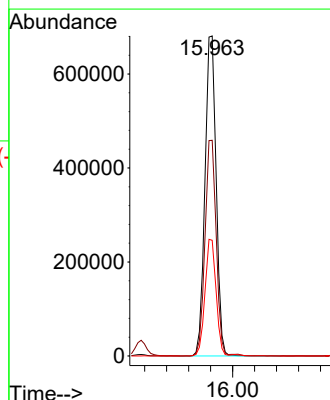
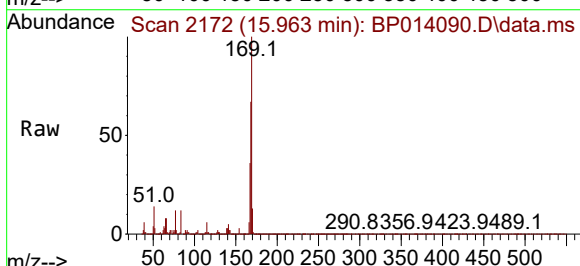
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

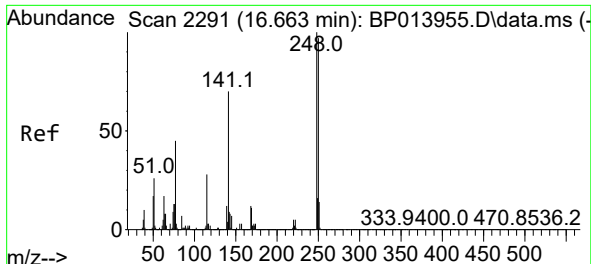
Tgt Ion:198 Resp: 198651
Ion Ratio Lower Upper
198 100
51 44.0 22.1 62.1
105 42.4 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 51.116 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:169 Resp: 960228
Ion Ratio Lower Upper
169 100
168 67.4 54.0 81.0
167 36.2 29.4 44.2

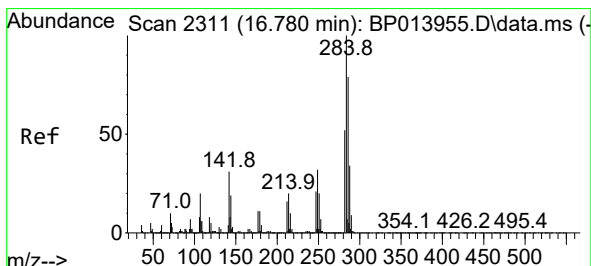
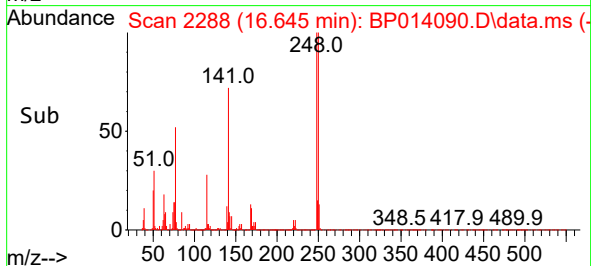
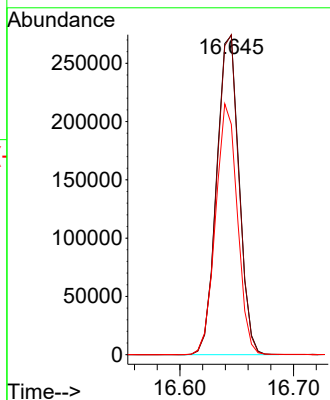
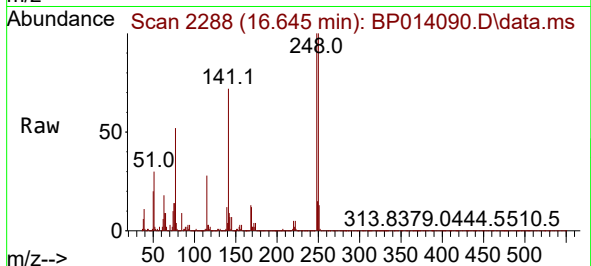




#67
4-Bromophenyl-phenylether
Concen: 47.781 ng
RT: 16.645 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

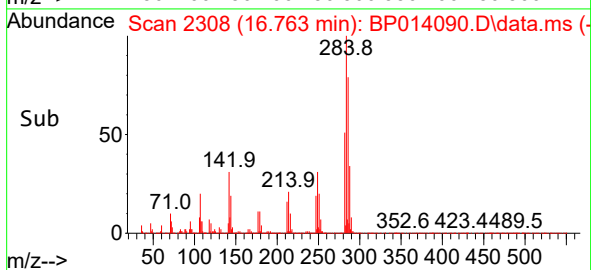
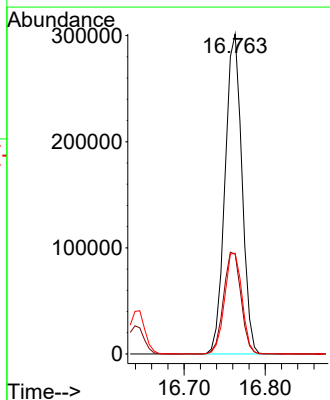
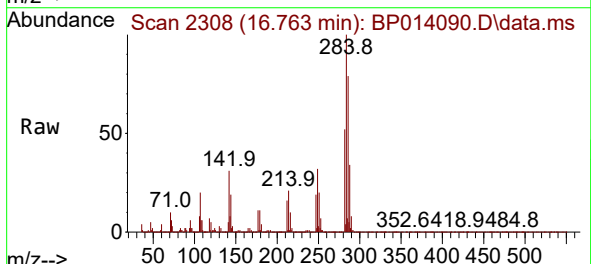
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

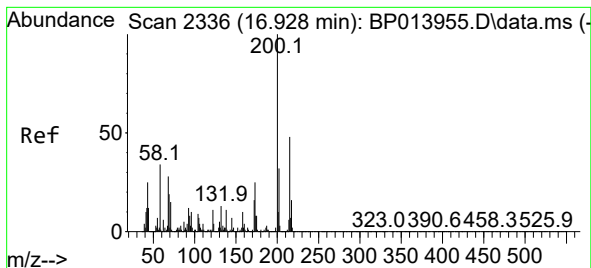
Tgt Ion:248 Resp: 375722
Ion Ratio Lower Upper
248 100
250 100.3 77.9 116.9
141 72.2 56.0 84.0



#68
Hexachlorobenzene
Concen: 51.601 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:284 Resp: 434930
Ion Ratio Lower Upper
284 100
142 31.2 24.8 37.2
249 31.5 25.7 38.5





#69

Atrazine

Concen: 54.557 ng

RT: 16.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

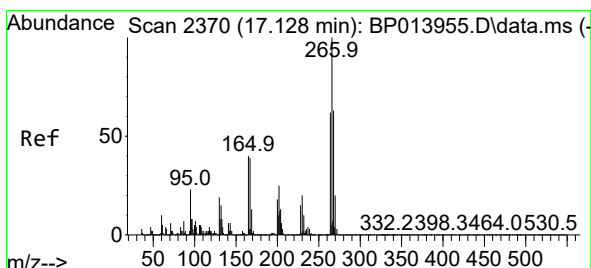
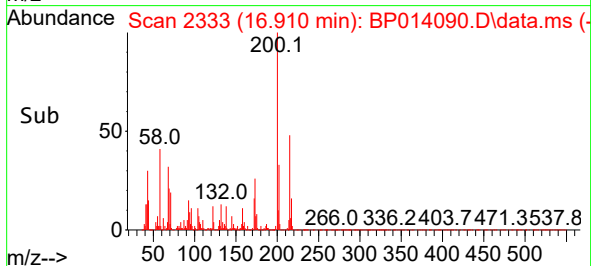
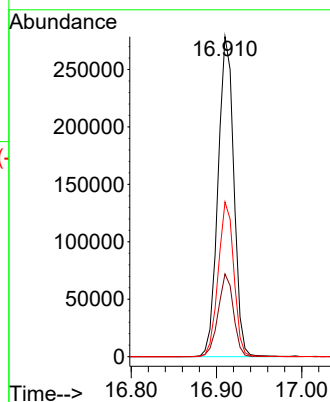
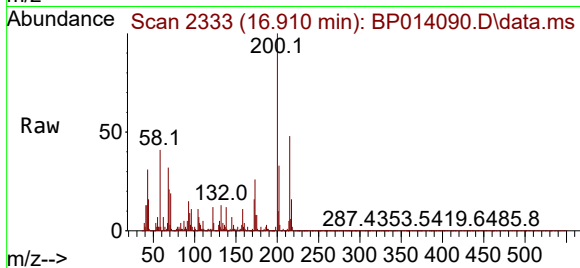
Tgt Ion:200 Resp: 359816

Ion Ratio Lower Upper

200 100

173 25.9 5.5 45.5

215 48.4 27.9 67.9



#70

Pentachlorophenol

Concen: 87.567 ng

RT: 17.110 min Scan# 2367

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

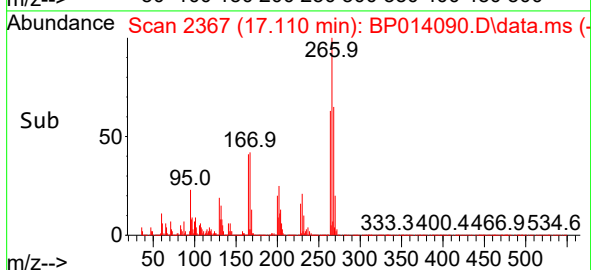
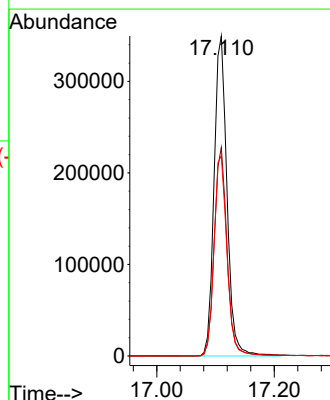
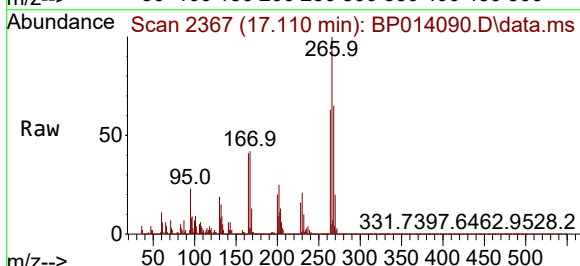
Tgt Ion:266 Resp: 532299

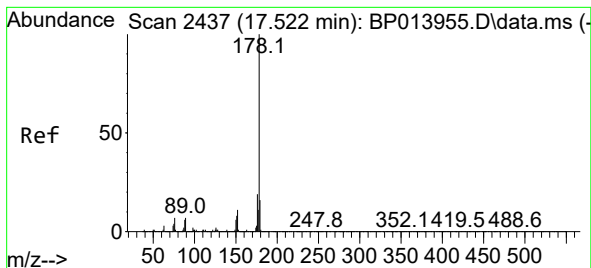
Ion Ratio Lower Upper

266 100

268 65.1 50.4 75.6

264 62.5 49.2 73.8





#71

Phenanthrene

Concen: 50.931 ng

RT: 17.504 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

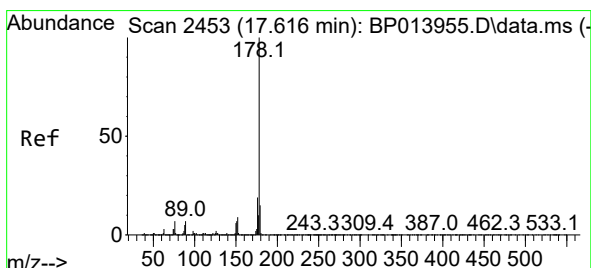
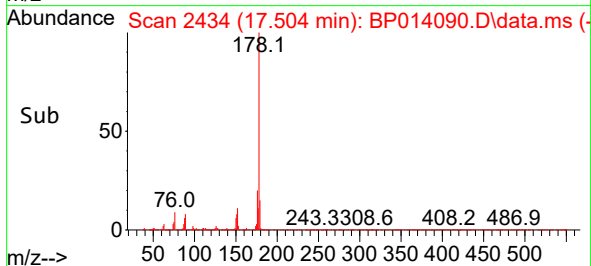
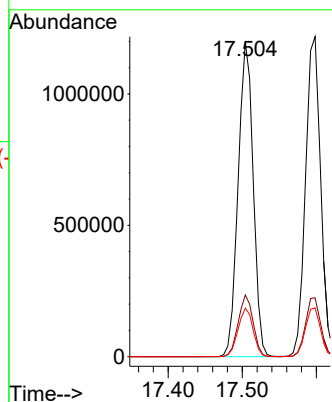
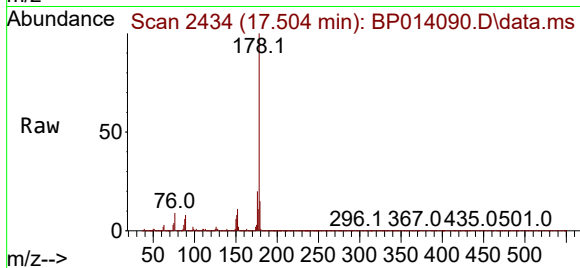
Tgt Ion:178 Resp: 1691443

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.4 12.6 19.0



#72

Anthracene

Concen: 50.993 ng

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

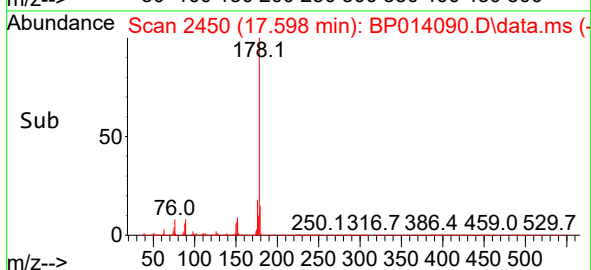
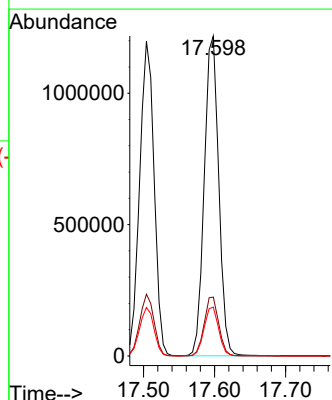
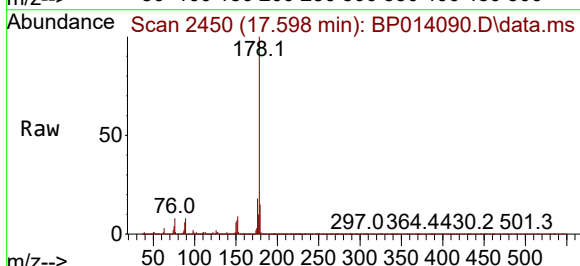
Tgt Ion:178 Resp: 1730391

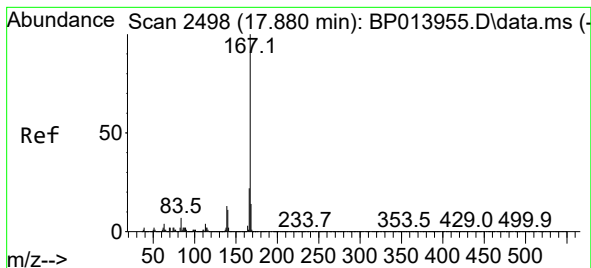
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.3 12.1 18.1





#73

Carbazole

Concen: 51.363 ng

RT: 17.863 min Scan# 2498

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

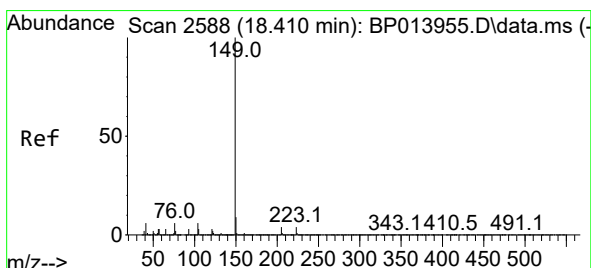
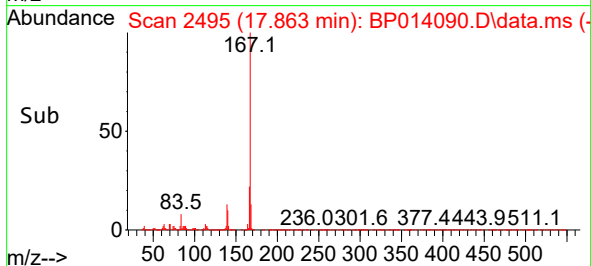
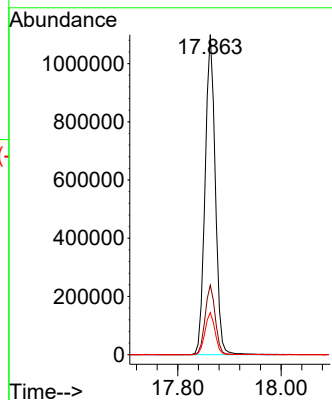
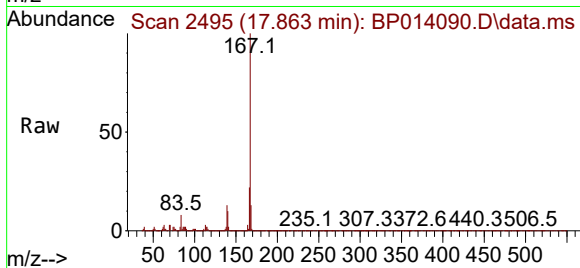
Tgt Ion:167 Resp: 1503461

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 52.855 ng

RT: 18.392 min Scan# 2585

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

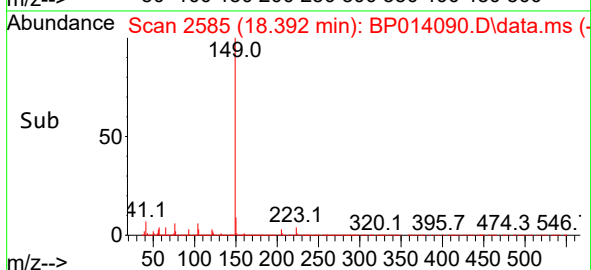
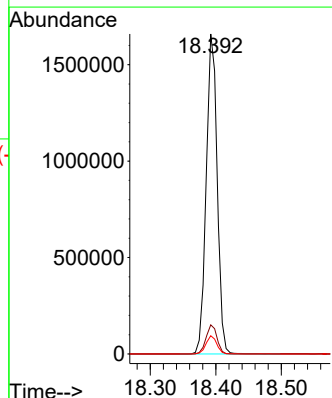
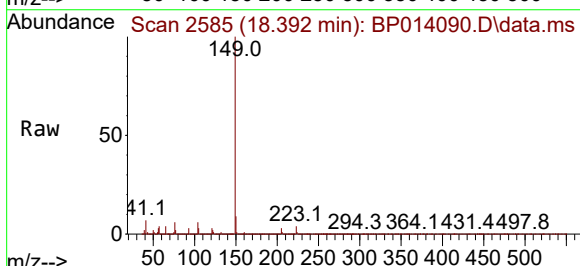
Tgt Ion:149 Resp: 1934392

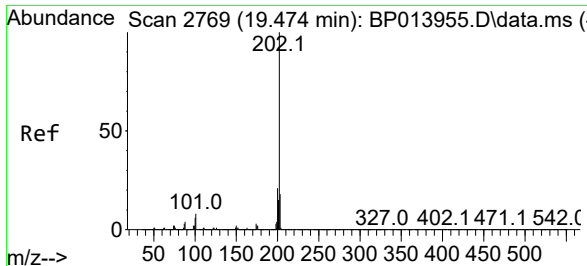
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.7 4.6 7.0

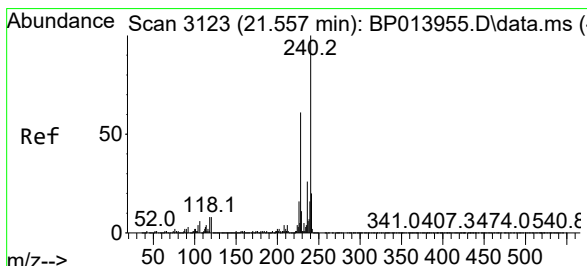
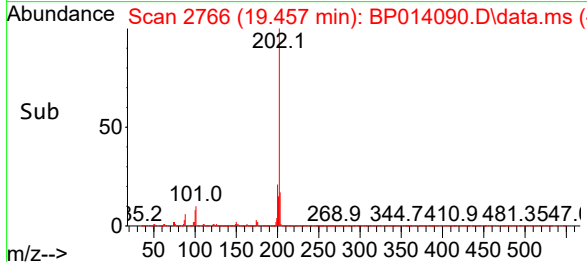
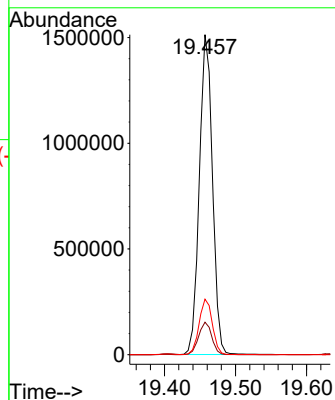
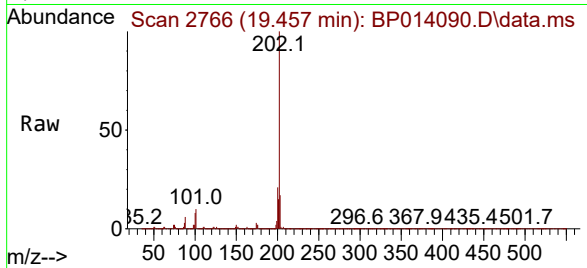




#75
Fluoranthene
Concen: 49.039 ng
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

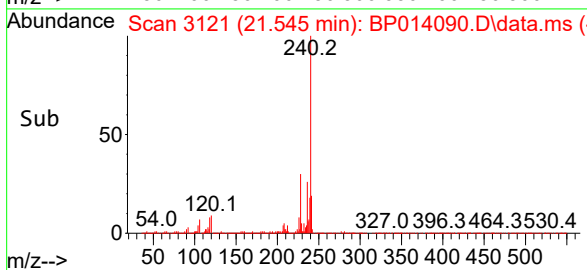
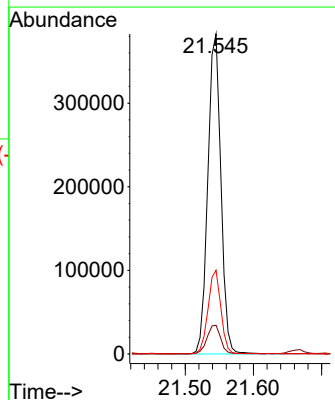
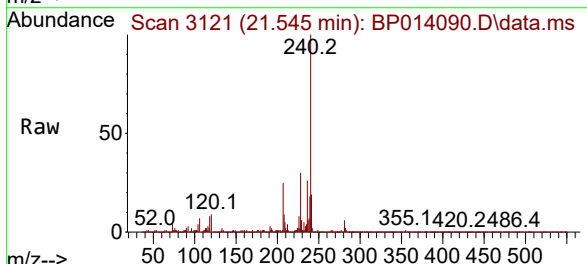
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

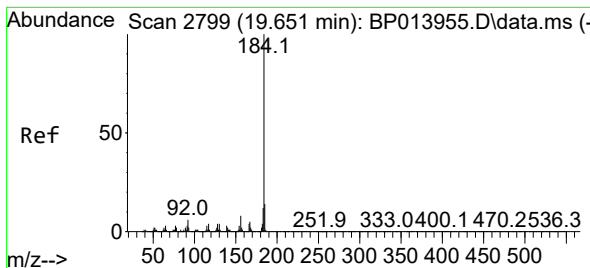
Tgt Ion:202 Resp: 1946596
Ion Ratio Lower Upper
202 100
101 10.2 0.0 27.9
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:240 Resp: 510827
Ion Ratio Lower Upper
240 100
120 9.0 6.4 9.6
236 26.2 21.2 31.8





#77

Benzidine

Concen: 84.459 ng

RT: 19.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

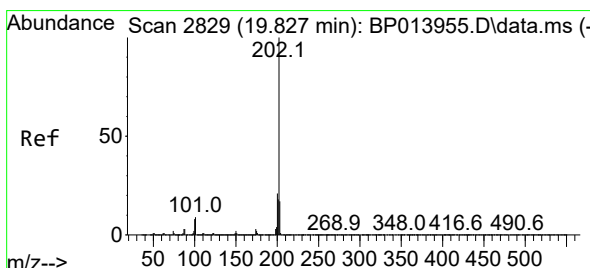
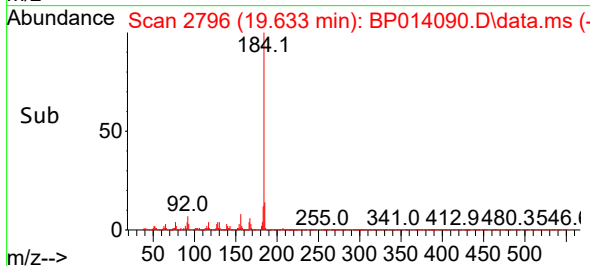
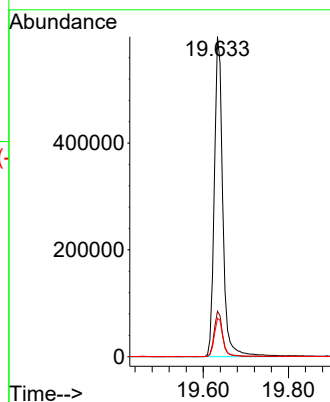
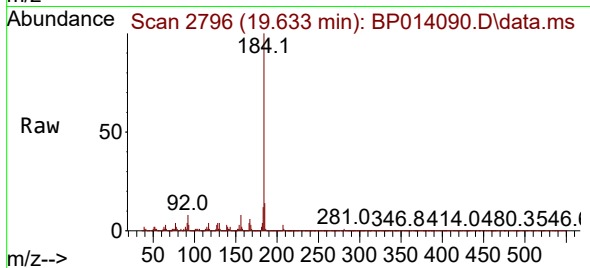
Tgt Ion:184 Resp: 828324

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.0 9.7 14.5



#78

Pyrene

Concen: 51.462 ng

RT: 19.810 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

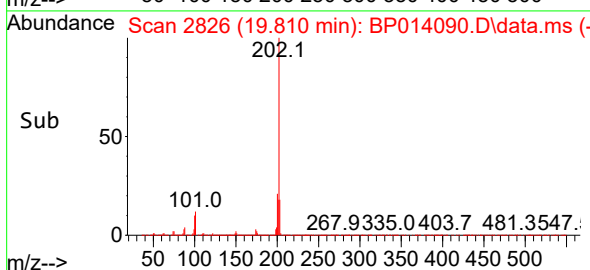
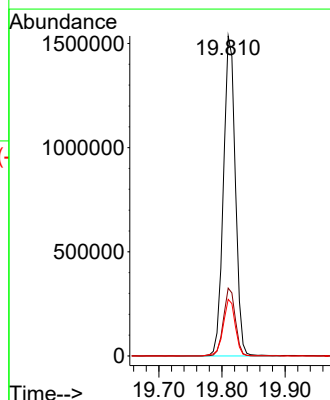
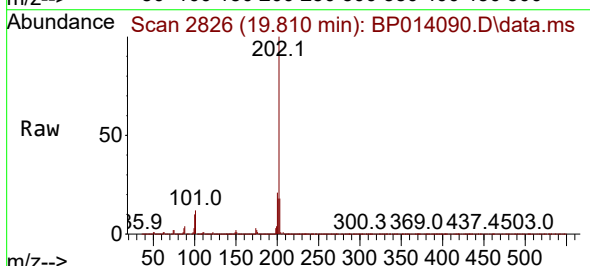
Tgt Ion:202 Resp: 2017733

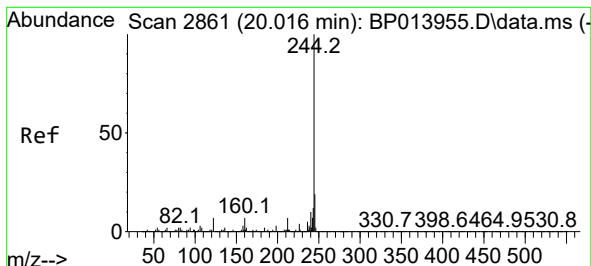
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 75.375 ng

RT: 19.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

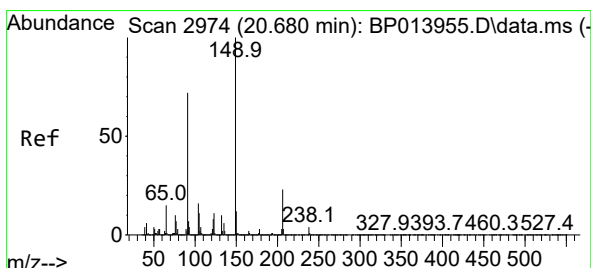
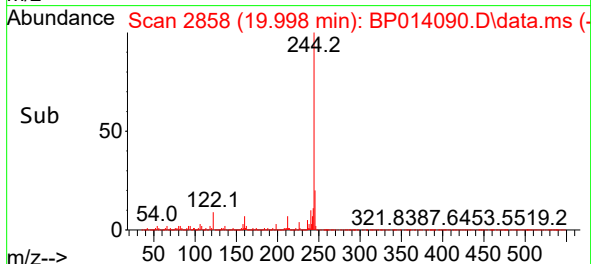
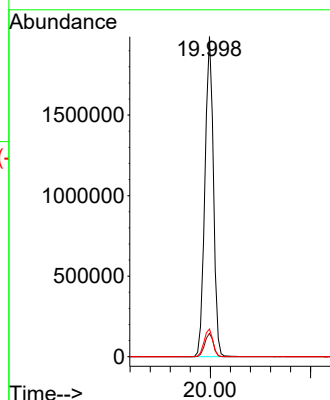
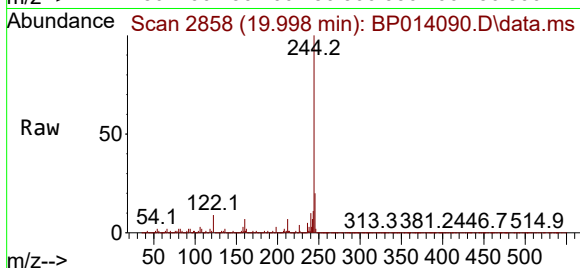
Tgt Ion:244 Resp: 2335038

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.7 5.8 8.6#



#80

Butylbenzylphthalate

Concen: 53.478 ng

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

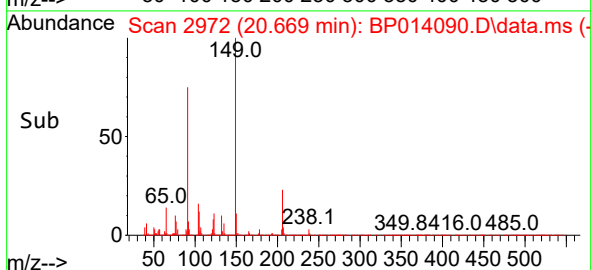
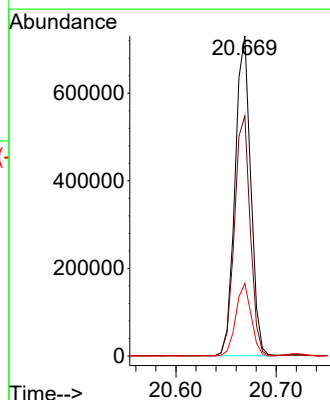
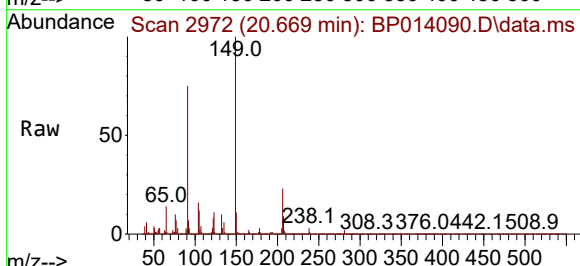
Tgt Ion:149 Resp: 794914

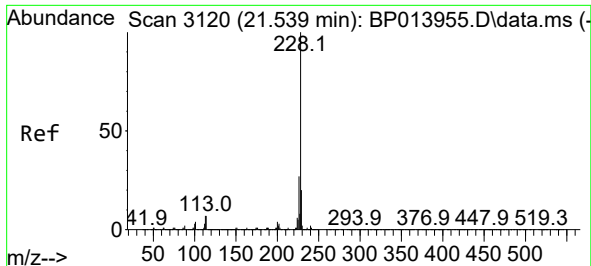
Ion Ratio Lower Upper

149 100

91 75.1 58.0 87.0

206 22.6 18.7 28.1

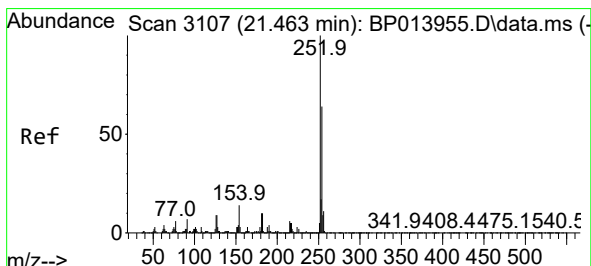
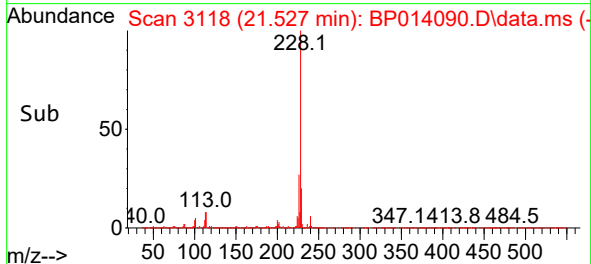
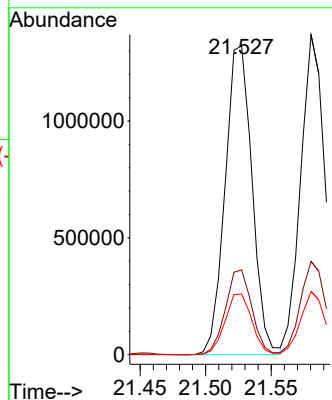
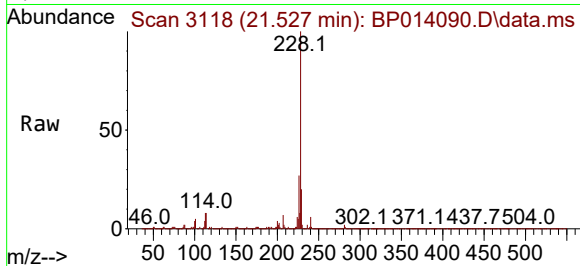




#81
Benzo(a)anthracene
Concen: 50.495 ng
RT: 21.527 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

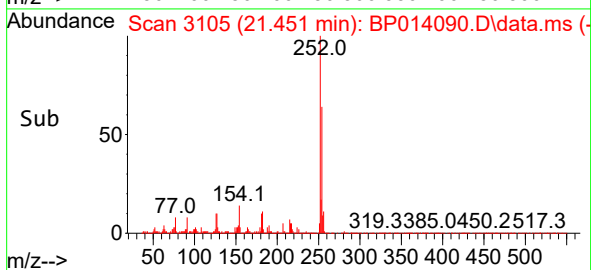
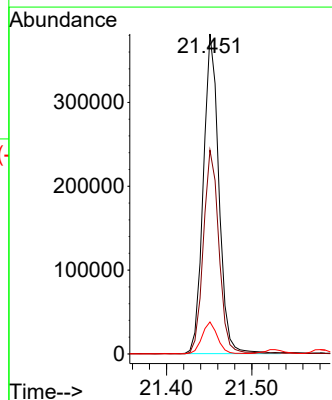
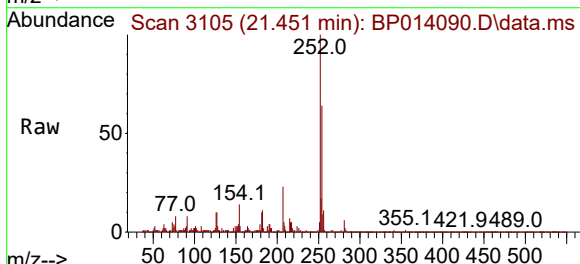
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

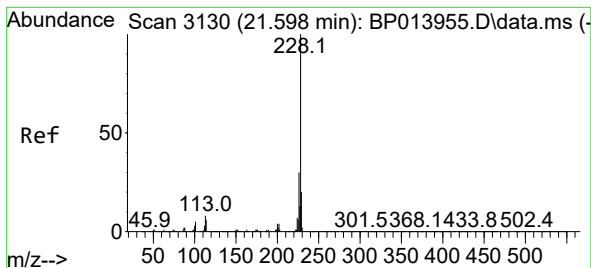
Tgt Ion:228 Resp: 1892606
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.250 ng
RT: 21.451 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:252 Resp: 482722
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.6
126 10.0 7.0 10.6





#83

Chrysene

Concen: 49.516 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

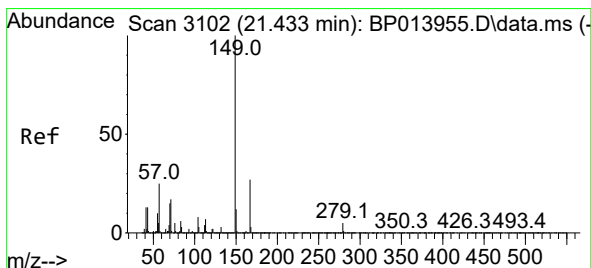
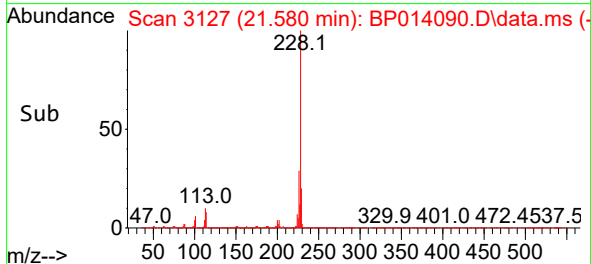
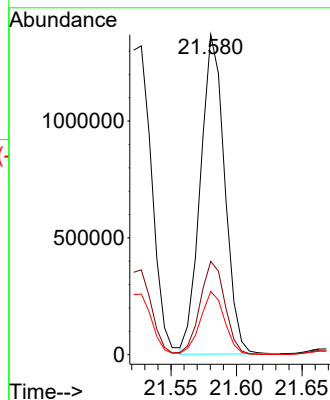
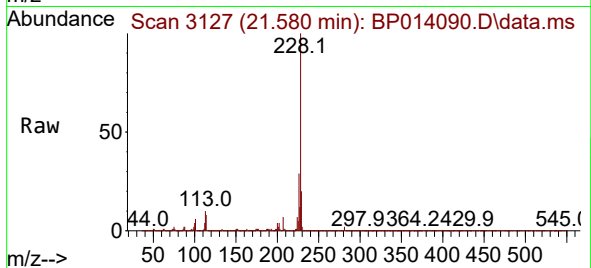
Tgt Ion:228 Resp: 1757556

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.480 ng

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

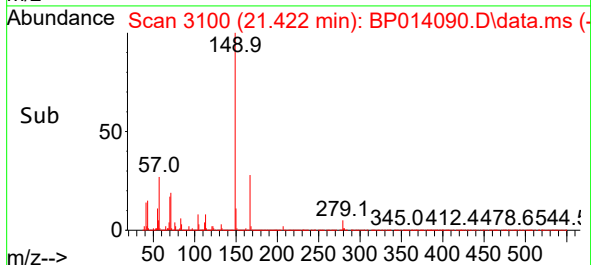
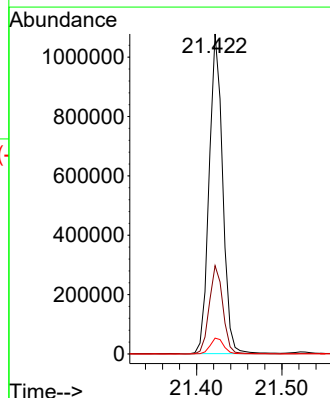
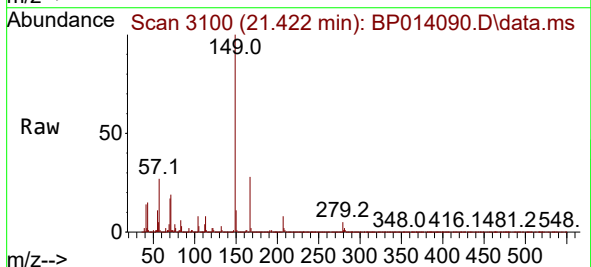
Tgt Ion:149 Resp: 1188025

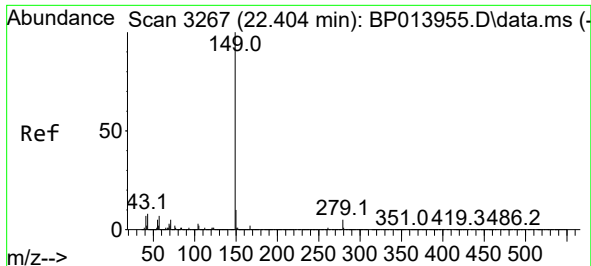
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.9 4.0 6.0

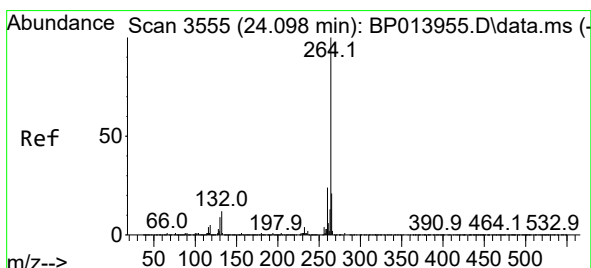
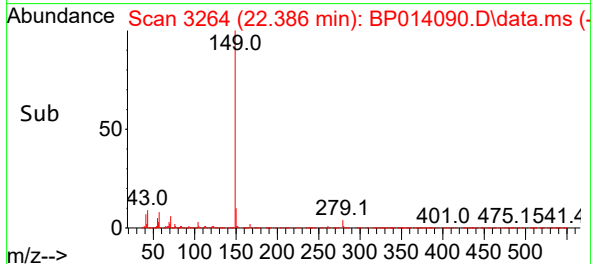
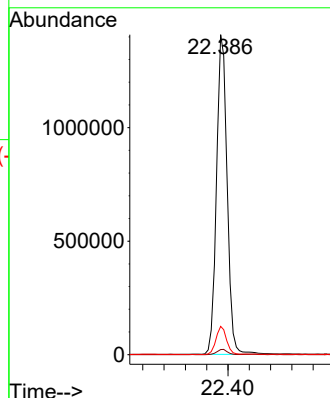
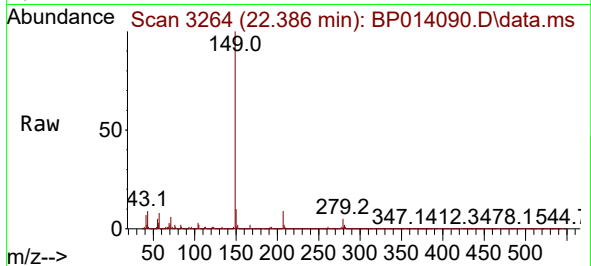




#85
Di-n-octyl phthalate
Concen: 55.091 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

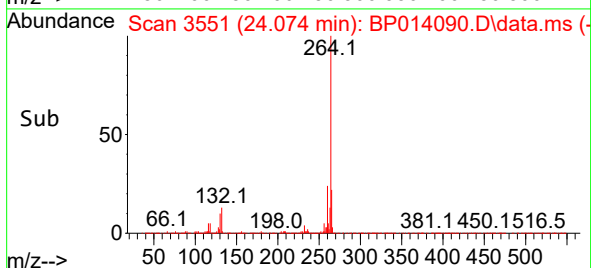
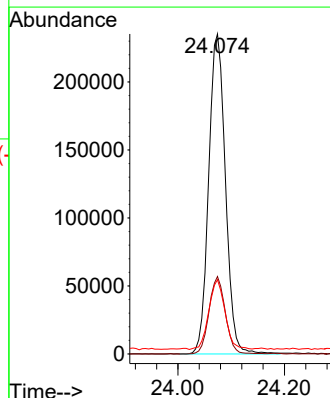
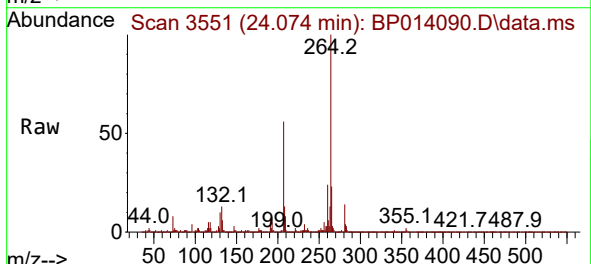
Instrument :
BNA_P
ClientSampleId :
PB151373BSD

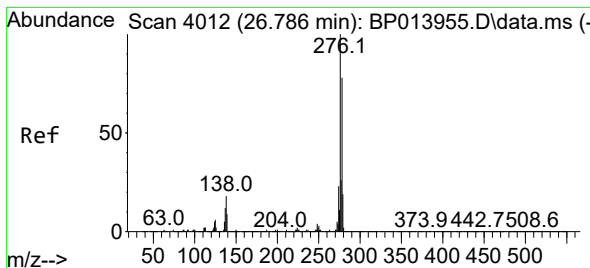
Tgt Ion:149 Resp: 1950109
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.074 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BP014090.D
Acq: 14 Mar 2023 19:26

Tgt Ion:264 Resp: 513759
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 23.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.186 ng

RT: 26.745 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

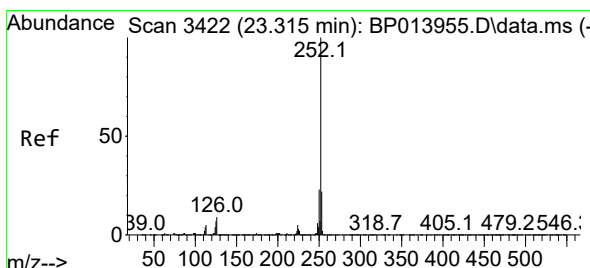
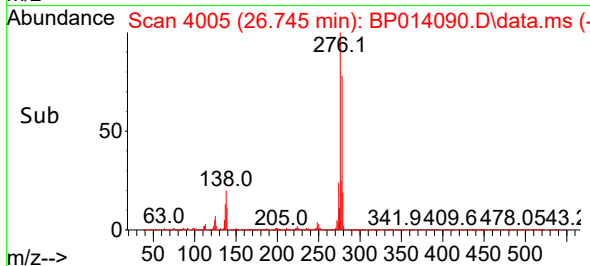
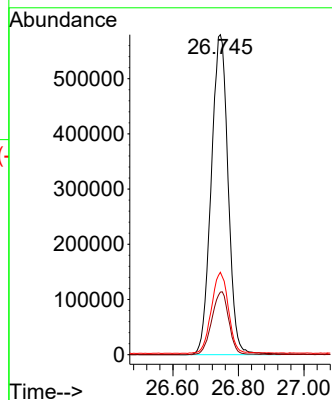
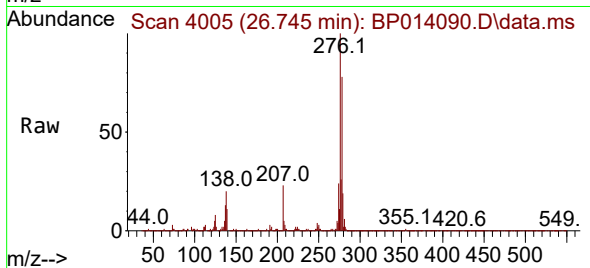
Tgt Ion:276 Resp: 2071608

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: 53.853 ng

RT: 23.298 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

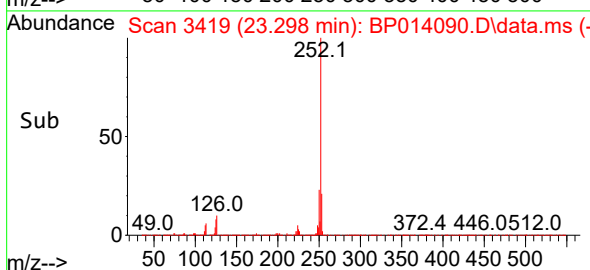
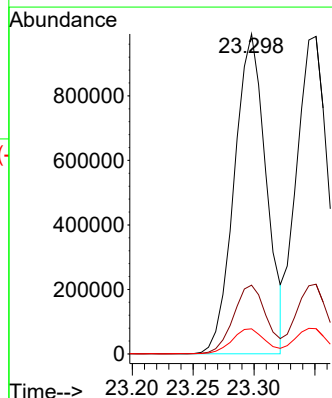
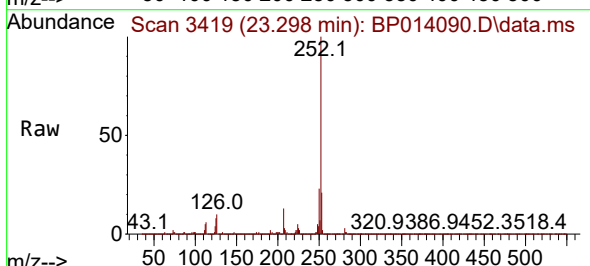
Tgt Ion:252 Resp: 1811692

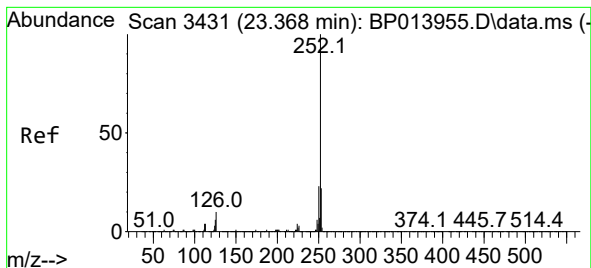
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 7.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 53.724 ng

RT: 23.351 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

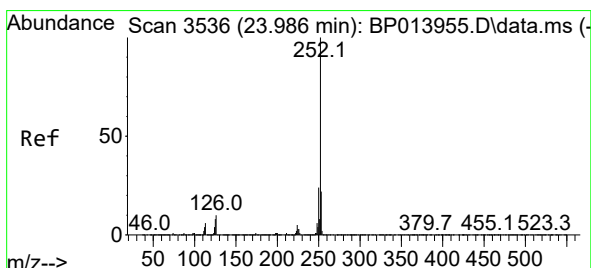
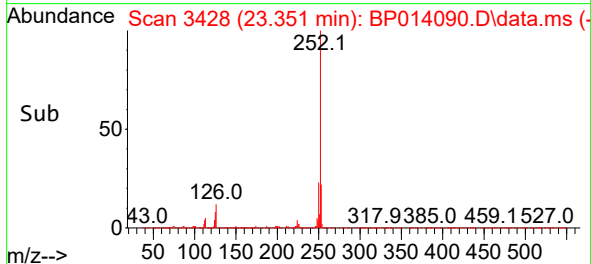
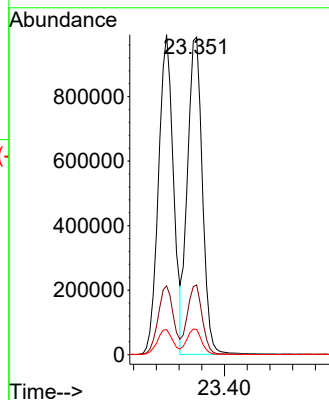
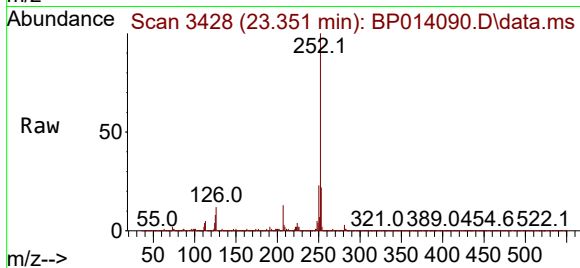
Tgt Ion:252 Resp: 1791941

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.0 5.4 8.0



#90

Benzo(a)pyrene

Concen: 49.030 ng

RT: 23.963 min Scan# 3532

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

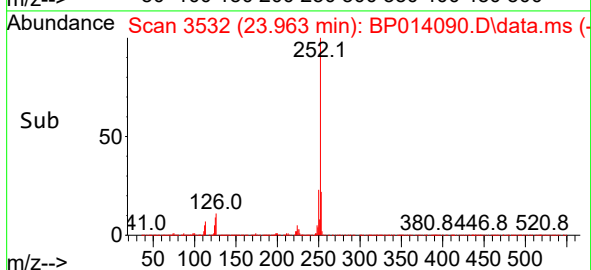
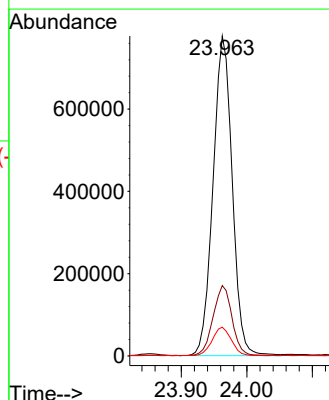
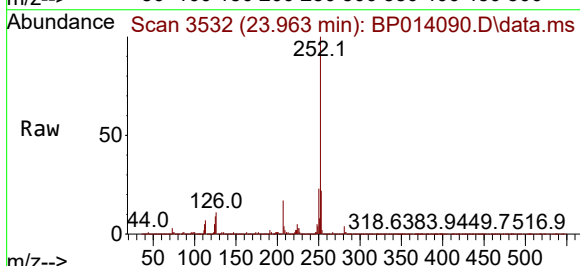
Tgt Ion:252 Resp: 1573271

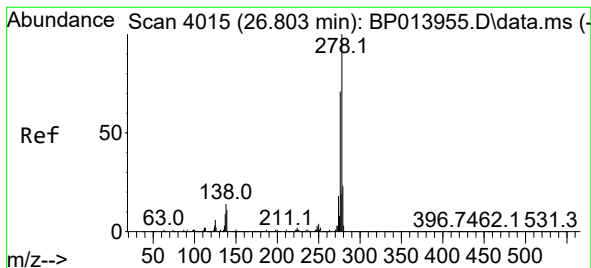
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.0 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 52.068 ng

RT: 26.757 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Instrument :

BNA_P

ClientSampleId :

PB151373BSD

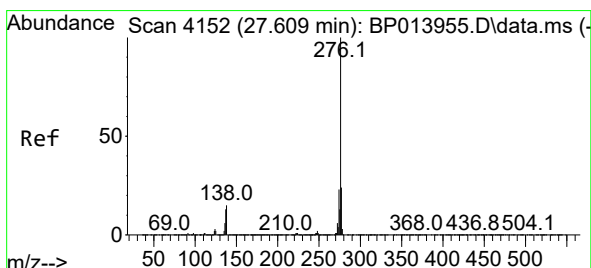
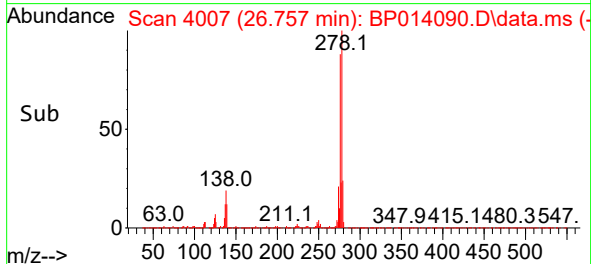
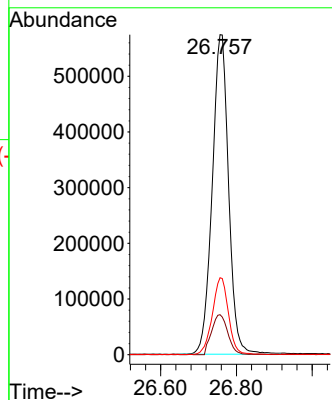
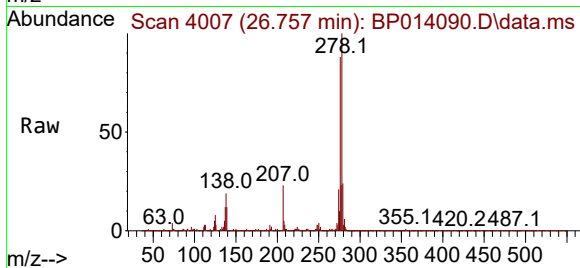
Tgt Ion:278 Resp: 1718334

Ion Ratio Lower Upper

278 100

139 12.5 8.7 13.1

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 51.941 ng

RT: 27.562 min Scan# 4144

Delta R.T. -0.006 min

Lab File: BP014090.D

Acq: 14 Mar 2023 19:26

Tgt Ion:276 Resp: 1698751

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 16.8 12.2 18.4

