

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014089.D
 Acq On : 14 Mar 2023 18:52
 Operator : CG/JU
 Sample : PB151373BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151373BS

Quant Time: Mar 15 04:34:45 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	144631	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	516722	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	300790	20.000	ng	-0.01
64) Phenanthrene-d10	17.463	188	616513	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	531132	20.000	ng	0.00
86) Perylene-d12	24.074	264	533471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	985827	110.540	ng	0.00
7) Phenol-d6	7.222	99	1254191	107.114	ng	0.00
23) Nitrobenzene-d5	9.240	82	820141	72.544	ng	-0.01
42) 2,4,6-Tribromophenol	16.198	330	479192	98.258	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1654152	71.249	ng	-0.01
79) Terphenyl-d14	19.998	244	2238246	69.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.469	88	188511	48.656	ng	96
3) Pyridine	3.881	79	472615	43.926	ng	98
4) n-Nitrosodimethylamine	3.787	42	214589	44.931	ng	99
6) Aniline	7.387	93	565837	36.789	ng	99
8) 2-Chlorophenol	7.628	128	464792	48.660	ng	95
9) Benzaldehyde	7.199	77	218537	37.297	ng	99
10) Phenol	7.251	94	598718	49.131	ng	97
11) bis(2-Chloroethyl)ether	7.487	93	477197	49.456	ng	99
12) 1,3-Dichlorobenzene	7.951	146	533937	50.869	ng	99
13) 1,4-Dichlorobenzene	8.104	146	539639	50.819	ng	99
14) 1,2-Dichlorobenzene	8.422	146	515764	50.710	ng	99
15) Benzyl Alcohol	8.310	79	453253	47.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.598	45	588849	56.056	ng	97
17) 2-Methylphenol	8.510	107	391569	45.054	ng	99
18) Hexachloroethane	9.157	117	207603	52.042	ng	95
19) n-Nitroso-di-n-propyla...	8.881	70	375238	48.688	ng	98
20) 3+4-Methylphenols	8.840	107	518247	44.276	ng	97
22) Acetophenone	8.898	105	719790	49.661	ng	99
24) Nitrobenzene	9.287	77	563643	48.726	ng	99
25) Isophorone	9.810	82	983775	47.226	ng	98
26) 2-Nitrophenol	9.998	139	244348	48.563	ng	98
27) 2,4-Dimethylphenol	10.051	122	404521	49.445	ng	100
28) bis(2-Chloroethoxy)met...	10.292	93	601457	49.885	ng	98
29) 2,4-Dichlorophenol	10.534	162	422231	47.147	ng	97
30) 1,2,4-Trichlorobenzene	10.751	180	491807	48.371	ng	99
31) Naphthalene	10.939	128	1366764	48.137	ng	99
32) Benzoic acid	10.198	122	253221	37.948	ng	95
33) 4-Chloroaniline	11.057	127	174436	14.331	ng	98
34) Hexachlorobutadiene	11.216	225	339128	45.877	ng	99
35) Caprolactam	11.845	113	117734	45.928	ng	88
36) 4-Chloro-3-methylphenol	12.163	107	464303	46.486	ng	98
37) 2-Methylnaphthalene	12.539	142	933288	44.555	ng	98
38) 1-Methylnaphthalene	12.757	142	868302	44.469	ng	98
40) 1,2,4,5-Tetrachloroben...	12.904	216	555707	48.469	ng	98
41) Hexachlorocyclopentadiene	12.881	237	828279	115.114	ng	99
43) 2,4,6-Trichlorophenol	13.145	196	341318	47.097	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014089.D
 Acq On : 14 Mar 2023 18:52
 Operator : CG/JU
 Sample : PB151373BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

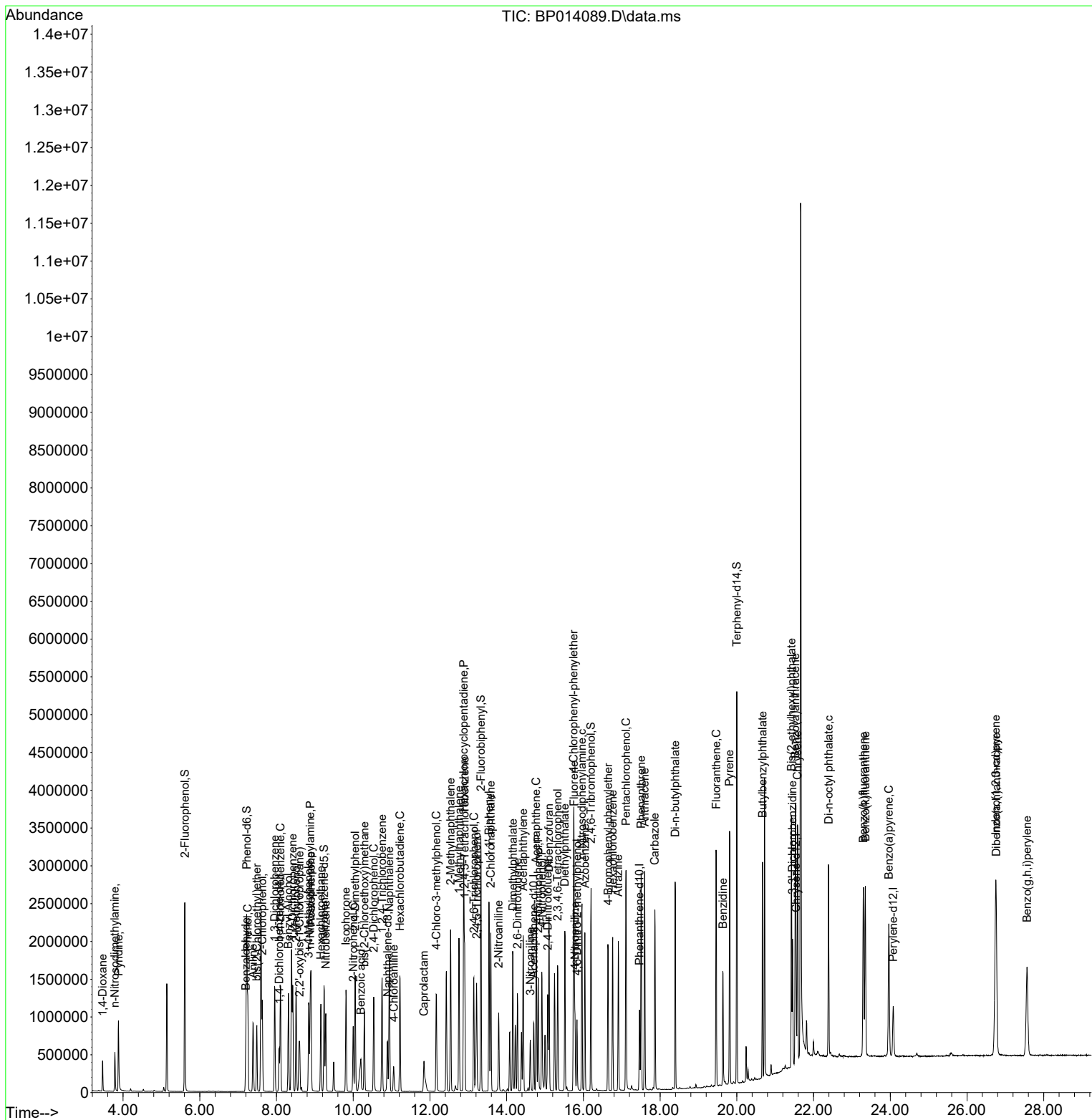
Instrument :
 BNA_P
 ClientSampleId :
 PB151373BS

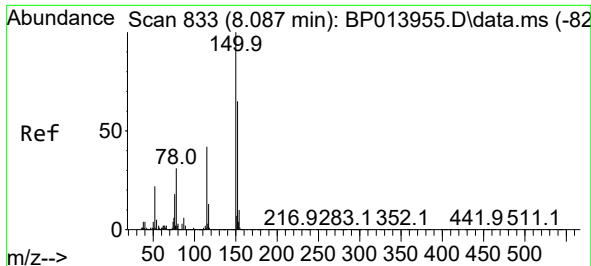
Quant Time: Mar 15 04:34:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	366346	43.624	ng	98
46) 1,1'-Biphenyl	13.539	154	1201969	49.645	ng	98
47) 2-Chloronaphthalene	13.586	162	940834	50.479	ng	99
48) 2-Nitroaniline	13.792	65	287574	50.841	ng	97
49) Acenaphthylene	14.428	152	1426533	48.129	ng	99
50) Dimethylphthalate	14.163	163	1137172	45.827	ng	99
51) 2,6-Dinitrotoluene	14.280	165	247219	47.309	ng	97
52) Acenaphthene	14.769	154	850913	47.691	ng	99
53) 3-Nitroaniline	14.616	138	154660	30.199	ng	99
54) 2,4-Dinitrophenol	14.822	184	312232	80.561	ng	96
55) Dibenzofuran	15.104	168	1372300	47.178	ng	99
56) 4-Nitrophenol	14.916	139	386752	92.739	ng	92
57) 2,4-Dinitrotoluene	15.069	165	334846	47.936	ng	# 99
58) Fluorene	15.757	166	1082411	46.864	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.328	232	331444	45.241	ng	98
60) Diethylphthalate	15.516	149	1128974	46.079	ng	100
61) 4-Chlorophenyl-phenyle...	15.745	204	583615	44.574	ng	99
62) 4-Nitroaniline	15.780	138	230765	45.253	ng	89
63) Azobenzene	16.039	77	1149253	50.692	ng	96
65) 4,6-Dinitro-2-methylph...	15.833	198	195790	42.876	ng	95
66) n-Nitrosodiphenylamine	15.963	169	926695	47.568	ng	99
67) 4-Bromophenyl-phenylether	16.645	248	363786	44.610	ng	98
68) Hexachlorobenzene	16.763	284	421322	48.200	ng	99
69) Atrazine	16.910	200	348594	50.966	ng	99
70) Pentachlorophenol	17.110	266	520910	82.630	ng	98
71) Phenanthrene	17.504	178	1638388	47.570	ng	100
72) Anthracene	17.598	178	1664494	47.298	ng	99
73) Carbazole	17.863	167	1459824	48.090	ng	99
74) Di-n-butylphthalate	18.392	149	1870382	49.280	ng	99
75) Fluoranthene	19.463	202	1882176	45.721	ng	98
77) Benzidine	19.639	184	870084	85.562	ng	100
78) Pyrene	19.810	202	1973535	48.411	ng	100
80) Butylbenzylphthalate	20.668	149	767185	49.639	ng	98
81) Benzo(a)anthracene	21.527	228	1822806	46.773	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	496116	39.785	ng	99
83) Chrysene	21.580	228	1712758	46.409	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1145936	50.541	ng	99
85) Di-n-octyl phthalate	22.392	149	1853140	50.351	ng	98
87) Indeno(1,2,3-cd)pyrene	26.750	276	1965580	47.685	ng	98
88) Benzo(b)fluoranthene	23.298	252	1739342	49.792	ng	99
89) Benzo(k)fluoranthene	23.351	252	1728555	49.909	ng	99
90) Benzo(a)pyrene	23.962	252	1494933	44.867	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	1633220	47.660	ng	99
92) Benzo(g,h,i)perylene	27.562	276	1604021	47.232	ng	98

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

Quant Time: Mar 15 04:34:45 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

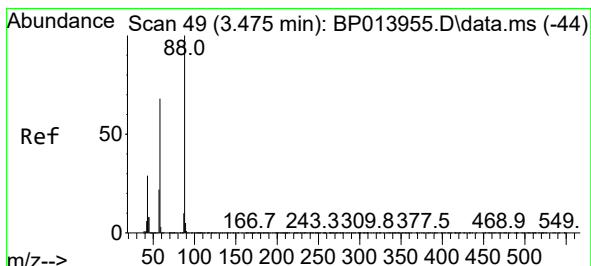
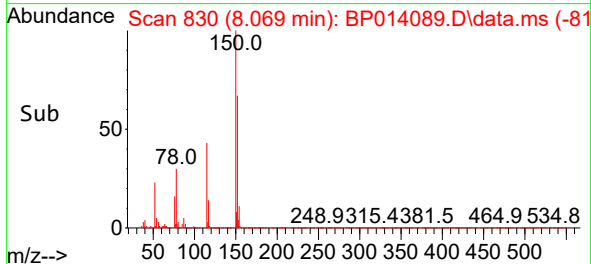
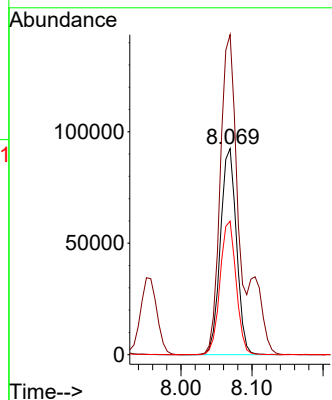
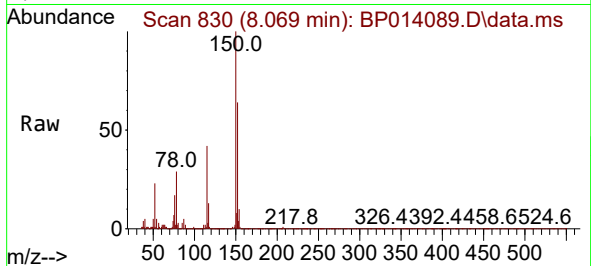




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

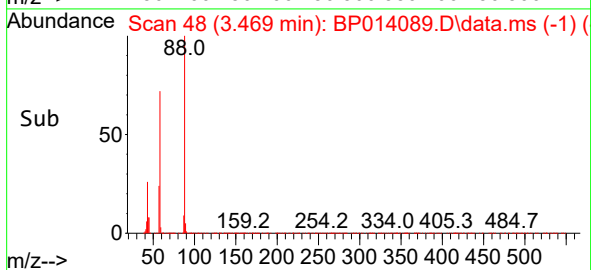
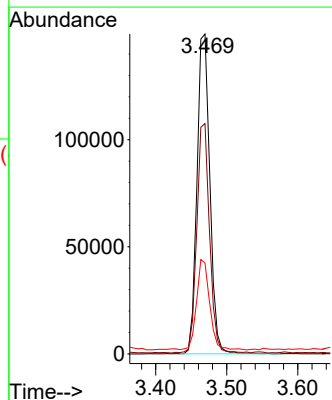
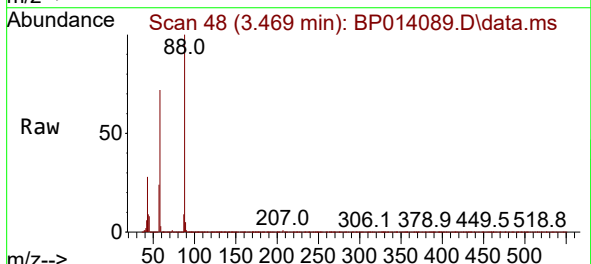
Instrument :
BNA_P
ClientSampleId :
PB151373BS

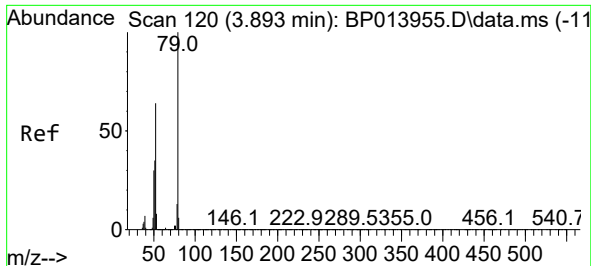
Tgt Ion:152 Resp: 144631
Ion Ratio Lower Upper
152 100
150 155.2 122.3 183.5
115 64.8 51.6 77.4



#2
1,4-Dioxane
Concen: 48.656 ng
RT: 3.469 min Scan# 48
Delta R.T. -0.000 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion: 88 Resp: 188511
Ion Ratio Lower Upper
88 100
58 70.9 53.8 80.8
43 28.6 22.1 33.1

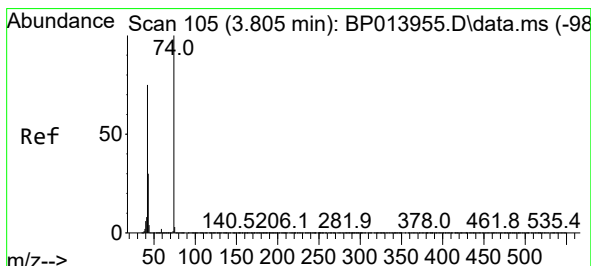
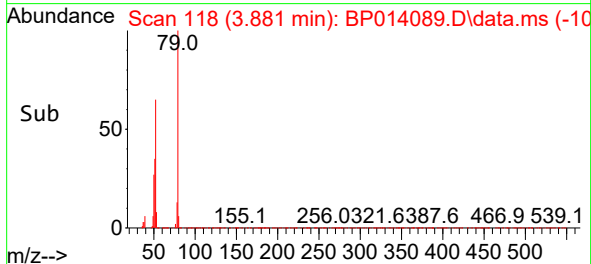
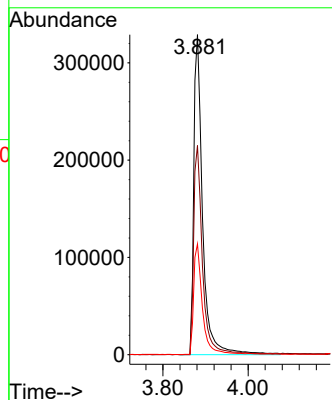
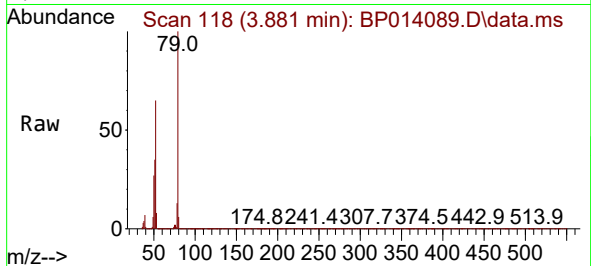




#3
 Pyridine
 Concen: 43.926 ng
 RT: 3.881 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

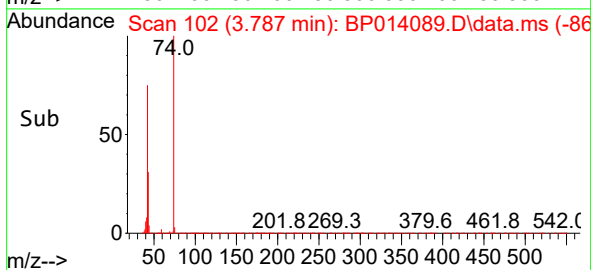
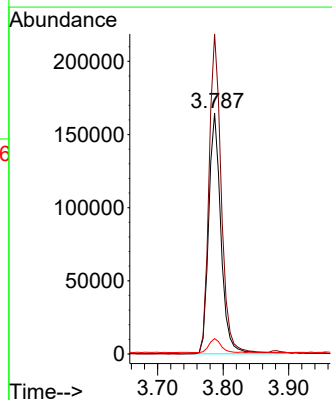
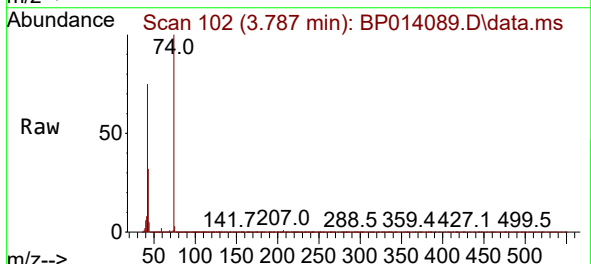
Instrument :
 BNA_P
 ClientSampleId :
 PB151373BS

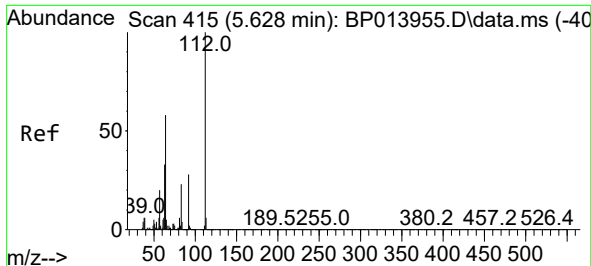
Tgt Ion: 79 Resp: 472615
 Ion Ratio Lower Upper
 79 100
 52 65.3 51.0 76.4
 51 34.6 28.2 42.2



#4
 n-Nitrosodimethylamine
 Concen: 44.931 ng
 RT: 3.787 min Scan# 102
 Delta R.T. -0.006 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

Tgt Ion: 42 Resp: 214589
 Ion Ratio Lower Upper
 42 100
 74 132.8 107.0 160.6
 44 6.4 4.5 6.7

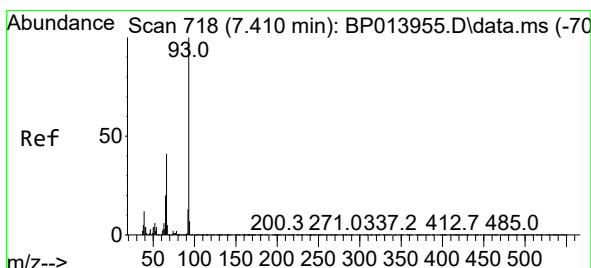
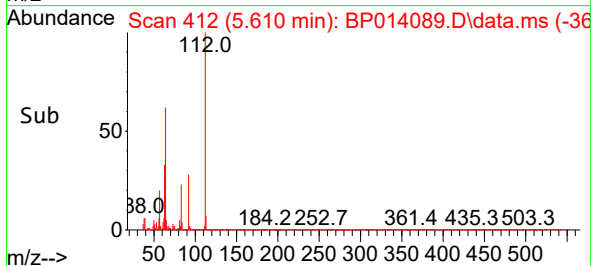
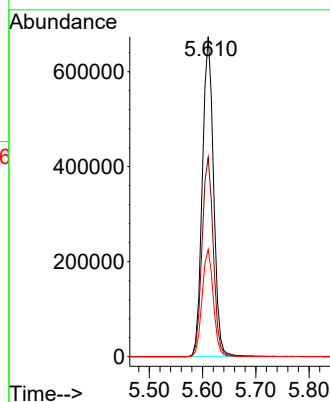
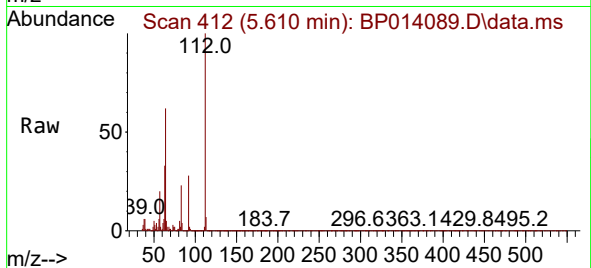




#5
2-Fluorophenol
Concen: 110.540 ng
RT: 5.610 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

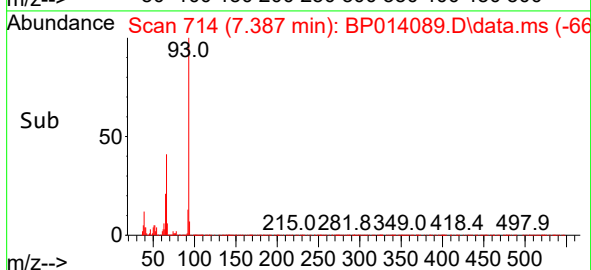
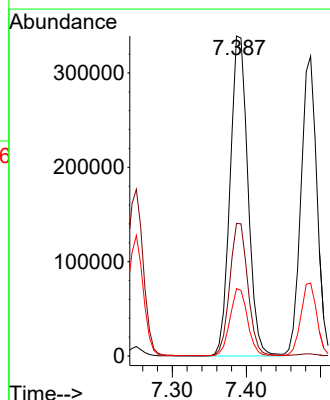
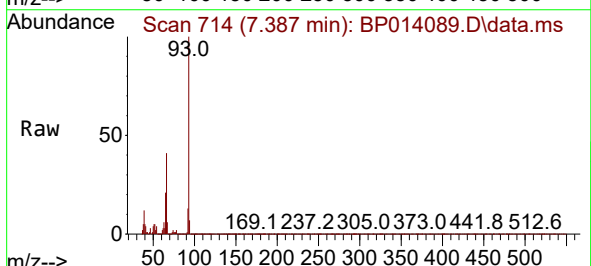
Instrument :
BNA_P
ClientSampleId :
PB151373BS

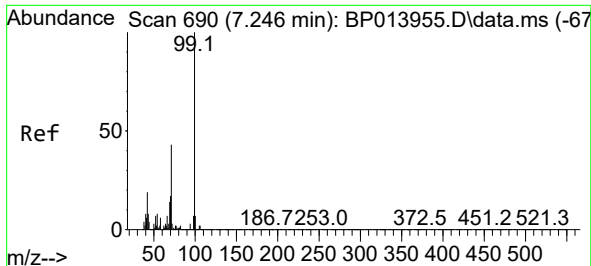
Tgt Ion:112 Resp: 985827
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 33.5 26.6 40.0



#6
Aniline
Concen: 36.789 ng
RT: 7.387 min Scan# 714
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion: 93 Resp: 565837
Ion Ratio Lower Upper
93 100
66 41.4 32.6 48.8
65 21.0 16.0 24.0

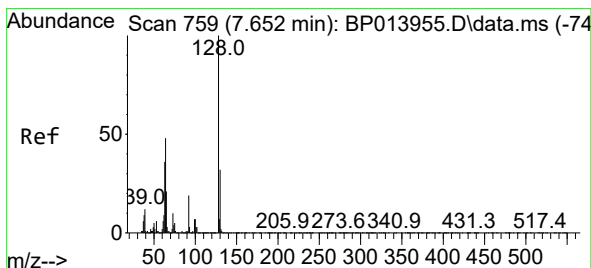
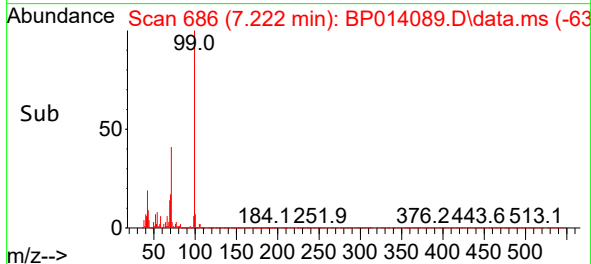
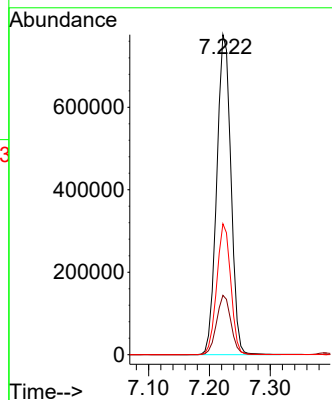
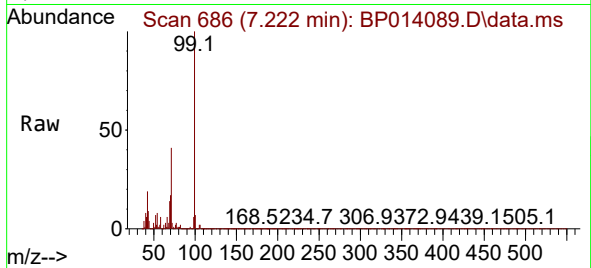




#7
Phenol-d6
Concen: 107.114 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

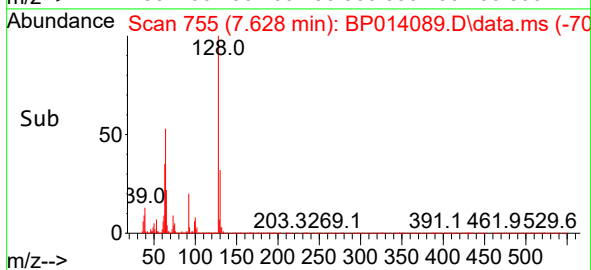
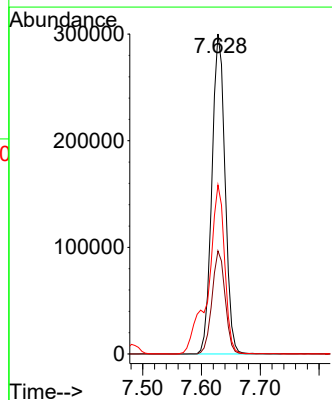
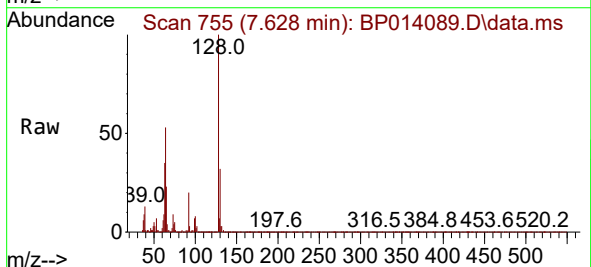
Instrument :
BNA_P
ClientSampleId :
PB151373BS

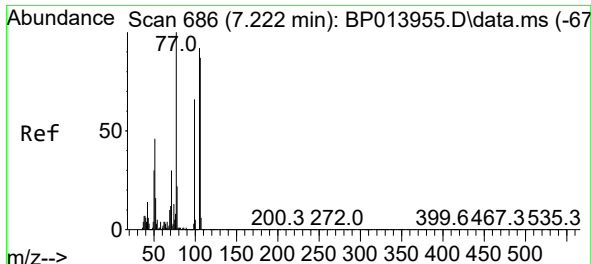
Tgt Ion: 99 Resp: 1254191
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 40.9 34.3 51.5



#8
2-Chlorophenol
Concen: 48.660 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:128 Resp: 464792
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 52.8 27.6 67.6

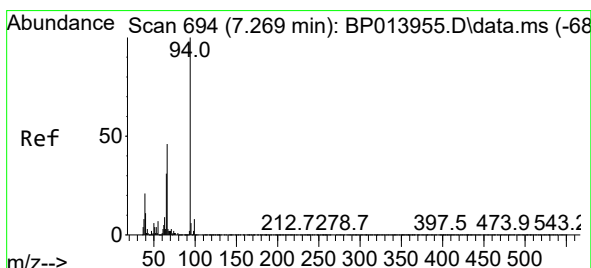
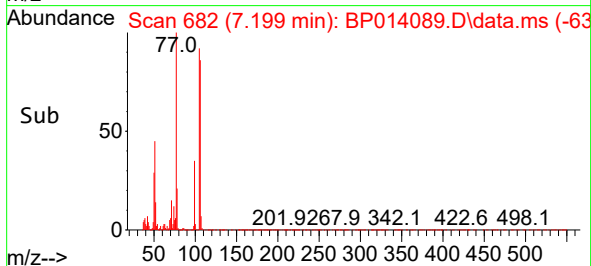
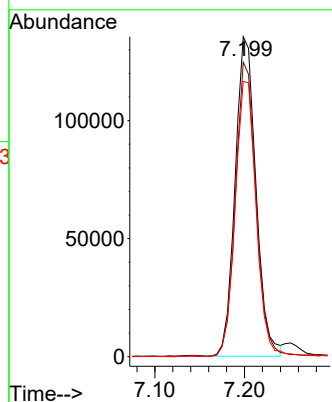
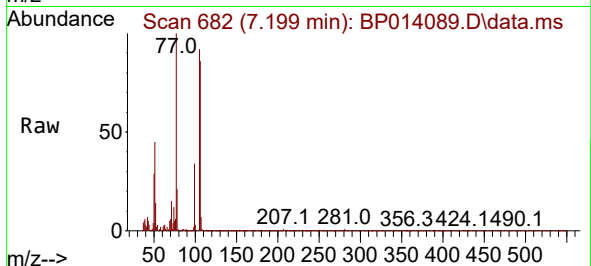




#9
Benzaldehyde
Concen: 37.297 ng
RT: 7.199 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

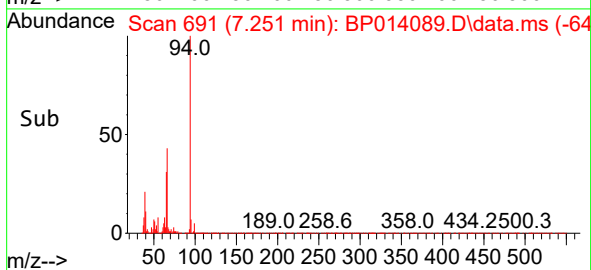
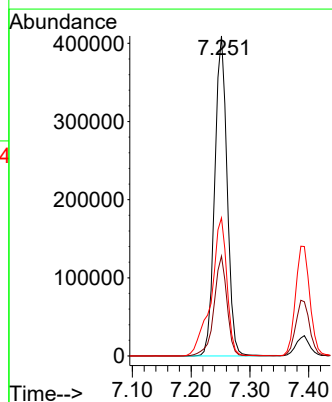
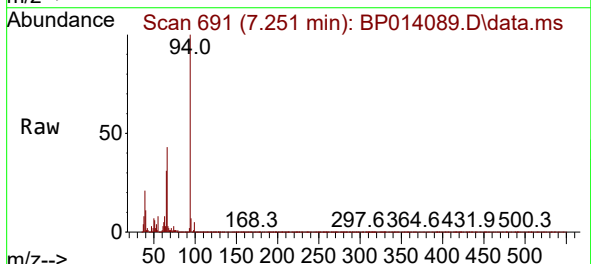
Instrument :
BNA_P
ClientSampleId :
PB151373BS

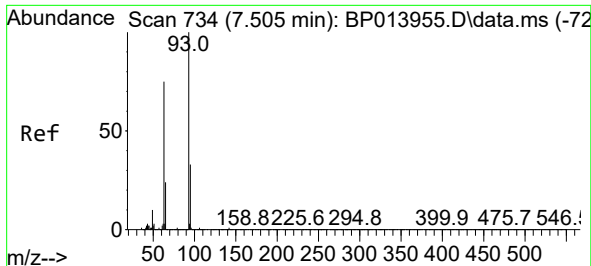
Tgt Ion: 77 Resp: 218537
Ion Ratio Lower Upper
77 100
105 92.1 72.4 112.4
106 86.1 66.9 106.9



#10
Phenol
Concen: 49.131 ng
RT: 7.251 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion: 94 Resp: 598718
Ion Ratio Lower Upper
94 100
65 31.2 10.9 50.9
66 43.2 26.1 66.1

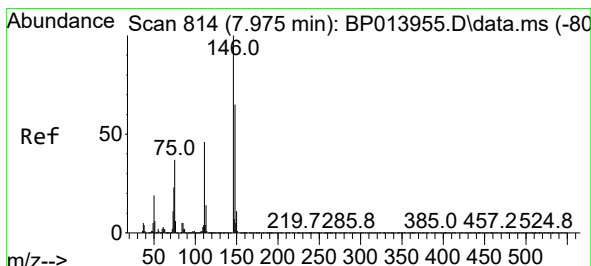
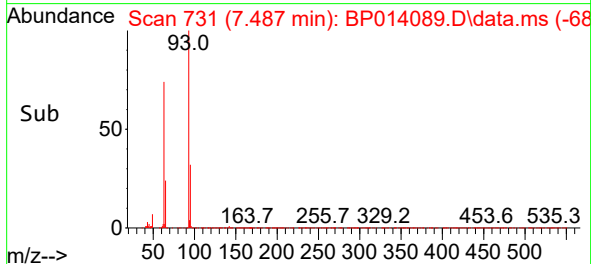
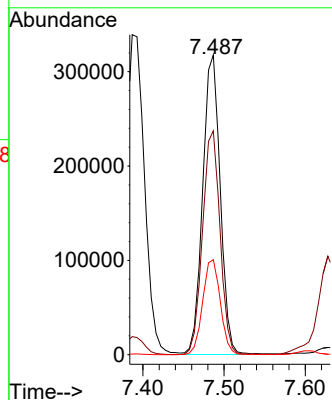
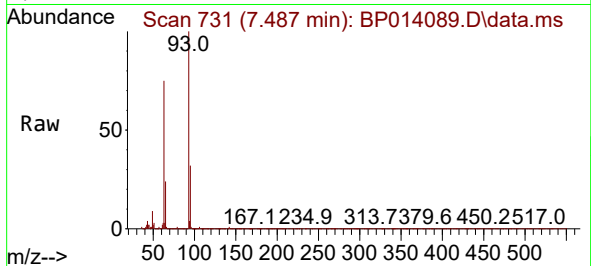




#11
bis(2-Chloroethyl)ether
Concen: 49.456 ng
RT: 7.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

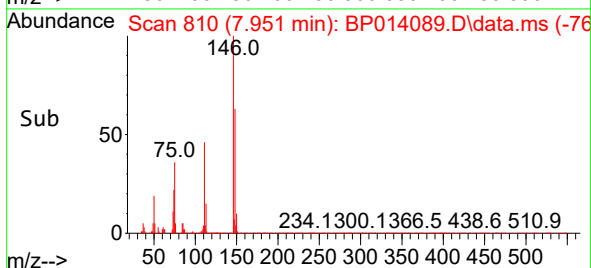
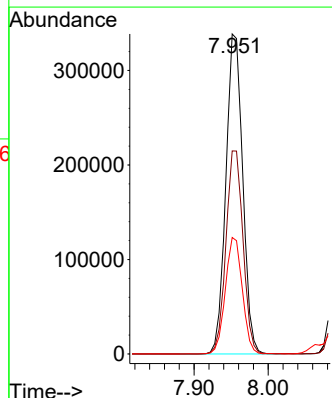
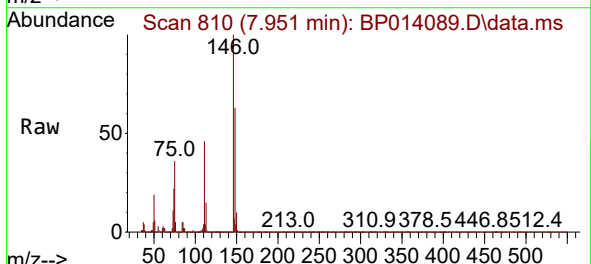
Instrument :
BNA_P
ClientSampleId :
PB151373BS

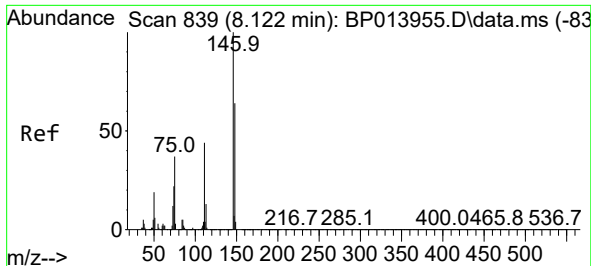
Tgt Ion: 93 Resp: 477197
Ion Ratio Lower Upper
93 100
63 74.7 54.2 94.2
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.869 ng
RT: 7.951 min Scan# 810
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:146 Resp: 533937
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 36.4 29.4 44.0

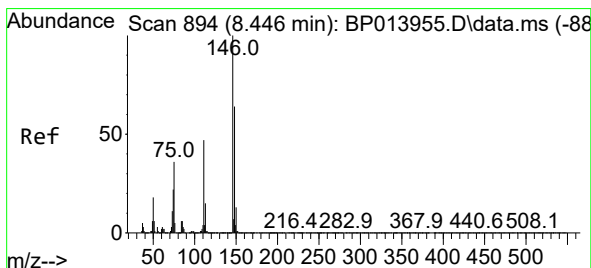
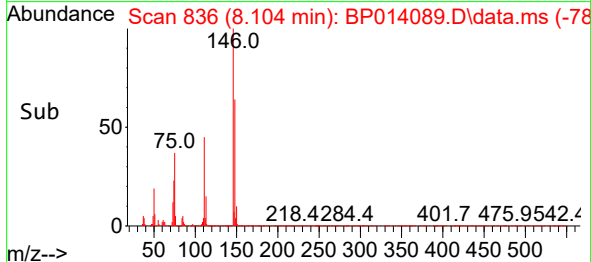
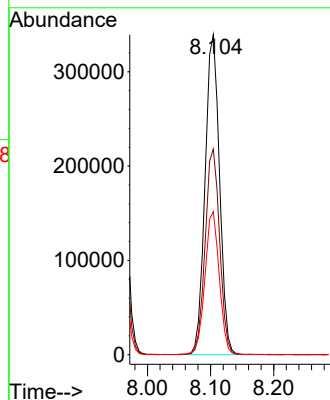
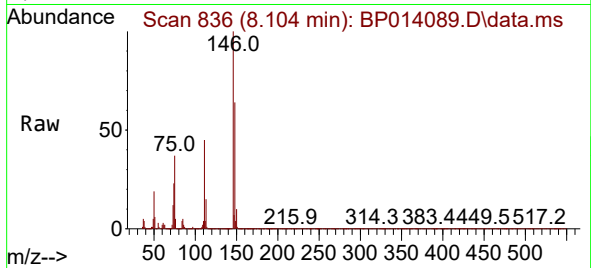




#13
1,4-Dichlorobenzene
Concen: 50.819 ng
RT: 8.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

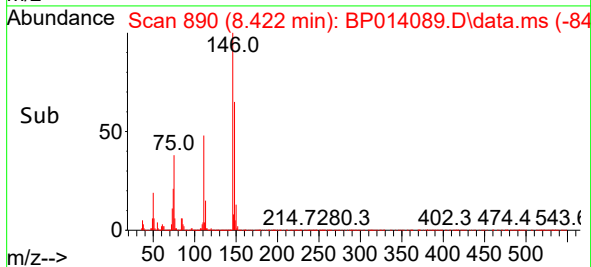
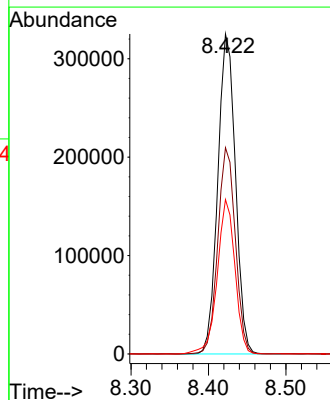
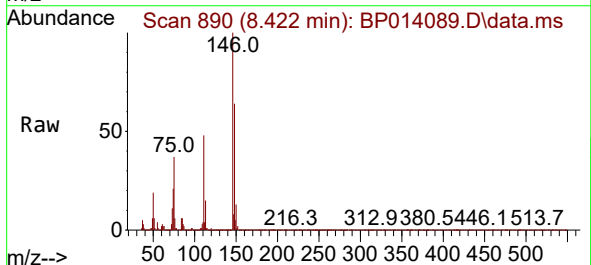
Instrument :
BNA_P
ClientSampleId :
PB151373BS

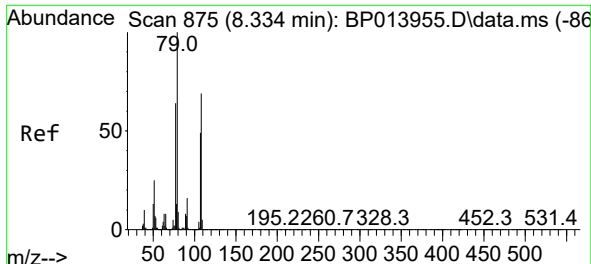
Tgt Ion:146 Resp: 539639
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 44.7 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 50.710 ng
RT: 8.422 min Scan# 890
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:146 Resp: 515764
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 48.3 37.2 55.8





#15

Benzyl Alcohol

Concen: 47.478 ng

RT: 8.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

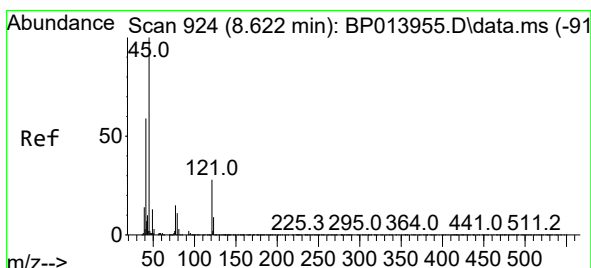
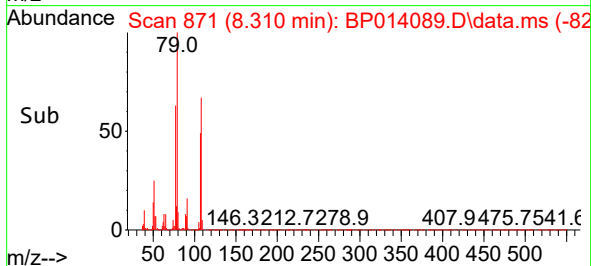
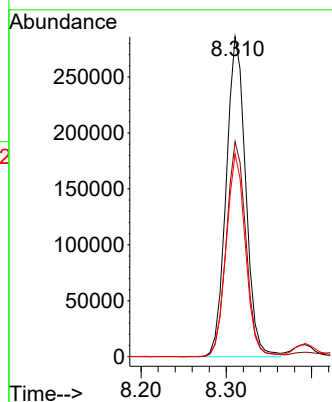
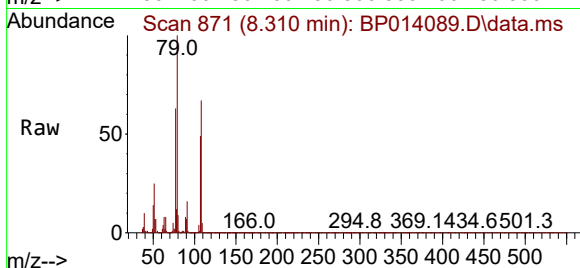
Tgt Ion: 79 Resp: 453253

Ion Ratio Lower Upper

79 100

108 67.2 54.9 82.3

77 63.4 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.056 ng

RT: 8.598 min Scan# 920

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

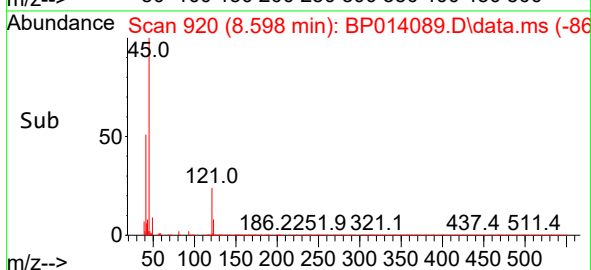
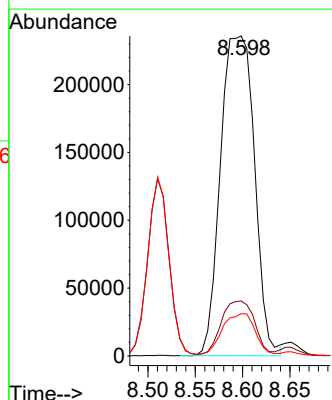
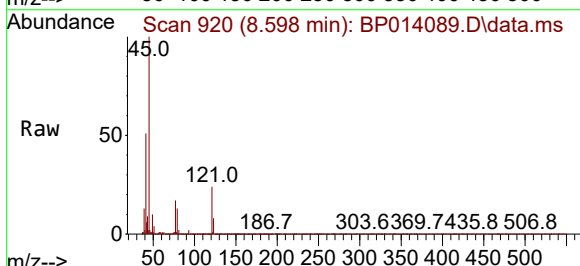
Tgt Ion: 45 Resp: 588849

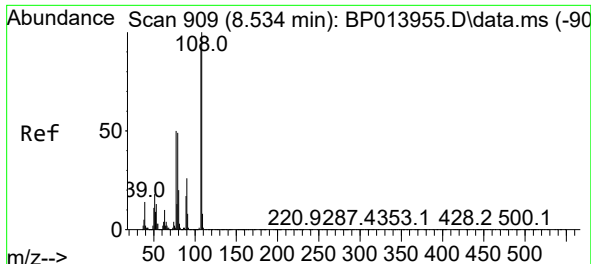
Ion Ratio Lower Upper

45 100

77 17.2 0.0 38.7

79 13.2 0.0 34.4

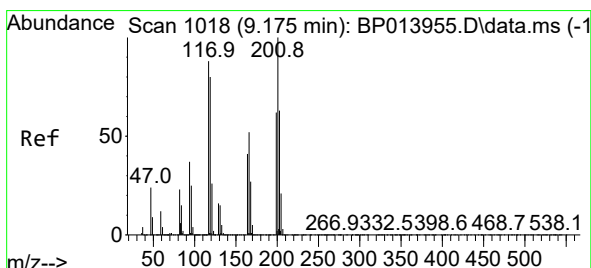
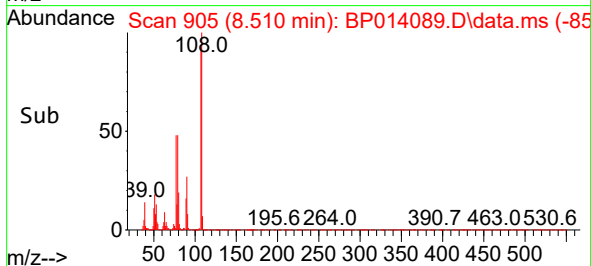
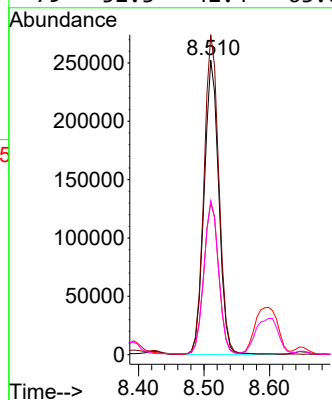
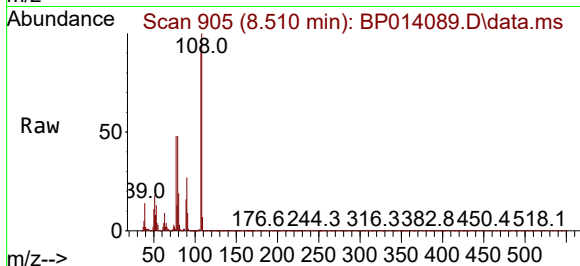




#17
2-Methylphenol
Concen: 45.054 ng
RT: 8.510 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

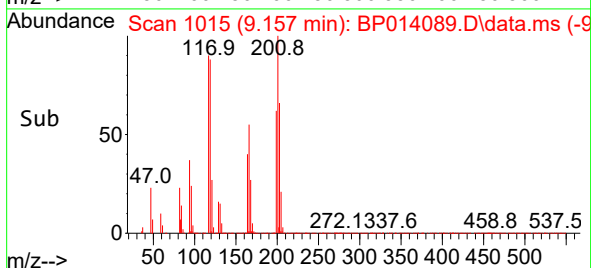
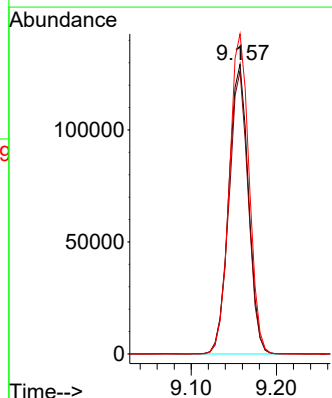
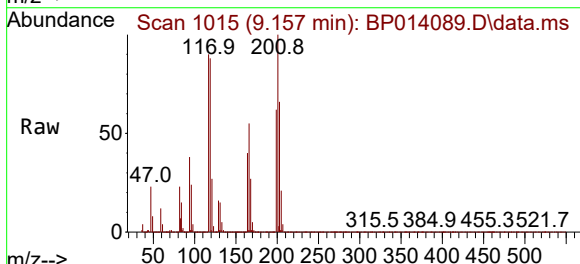
Instrument :
BNA_P
ClientSampleId :
PB151373BS

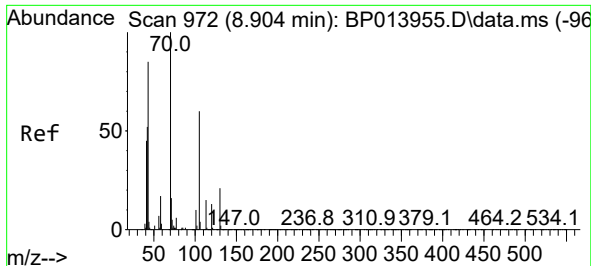
Tgt Ion:	107	Resp:	391569
Ion	Ratio	Lower	Upper
107	100		
108	108.7	87.0	130.4
77	51.7	44.0	66.0
79	52.3	42.4	63.6



#18
Hexachloroethane
Concen: 52.042 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:	117	Resp:	207603
Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.3	109.9
201	110.5	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 48.688 ng

RT: 8.881 min Scan# 90

Delta R.T. -0.012 min

Lab File: BP014089.D

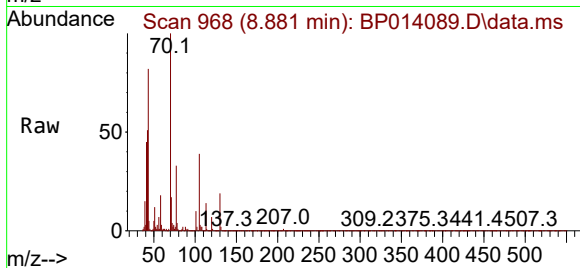
Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS



Tgt Ion: 70 Resp: 375238

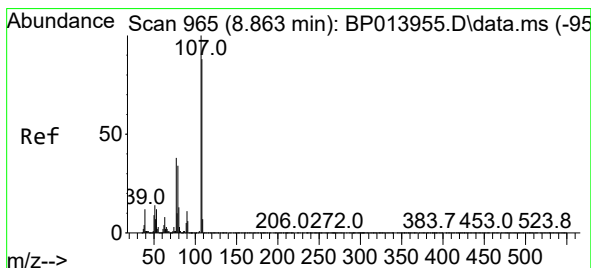
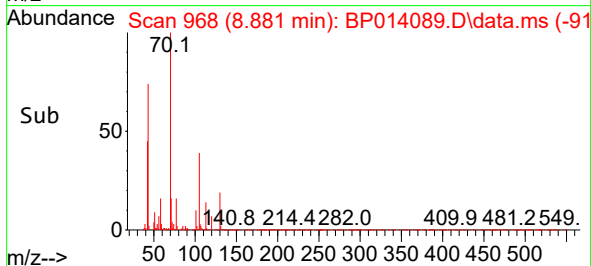
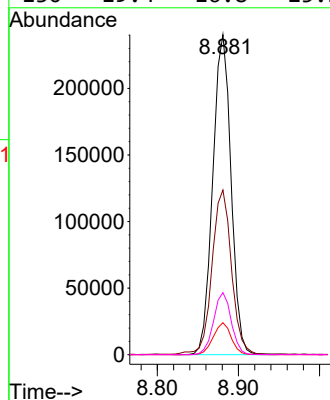
Ion Ratio Lower Upper

70 100

42 51.5 42.4 63.6

101 10.0 8.2 12.4

130 19.4 16.8 25.2



#20

3+4-Methylphenols

Concen: 44.276 ng

RT: 8.840 min Scan# 961

Delta R.T. -0.012 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Tgt Ion: 107 Resp: 518247

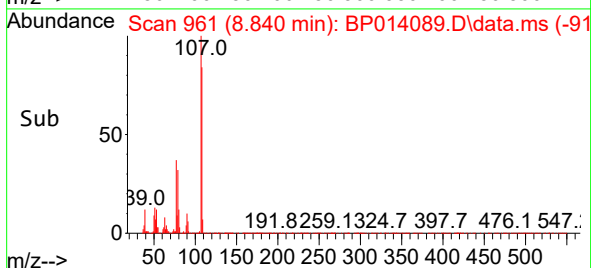
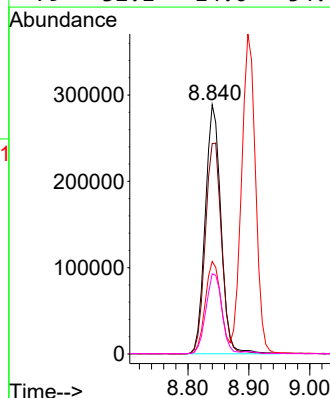
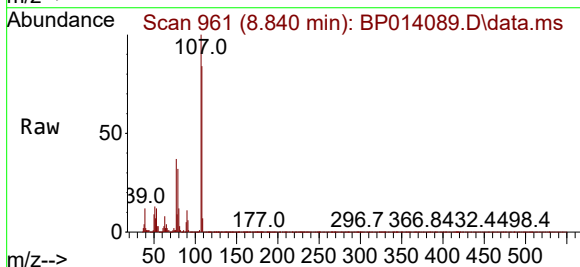
Ion Ratio Lower Upper

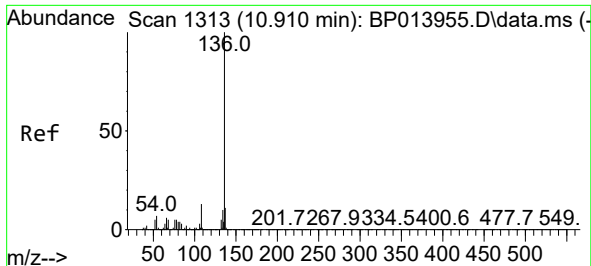
107 100

108 84.4 68.2 108.2

77 37.1 18.1 58.1

79 32.1 14.0 54.0

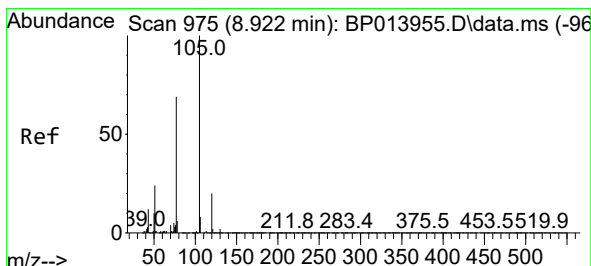
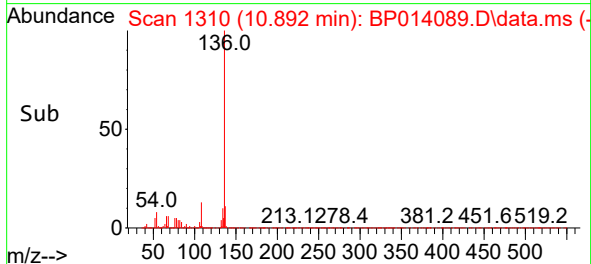
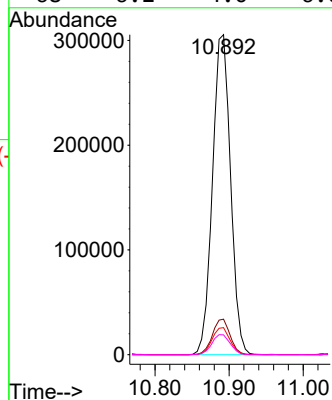
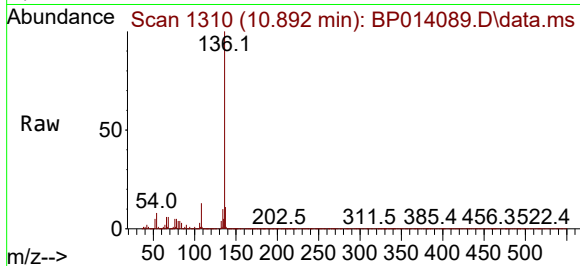




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

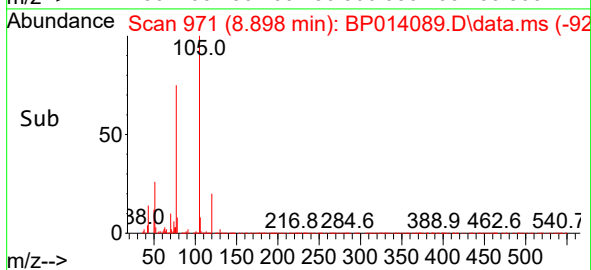
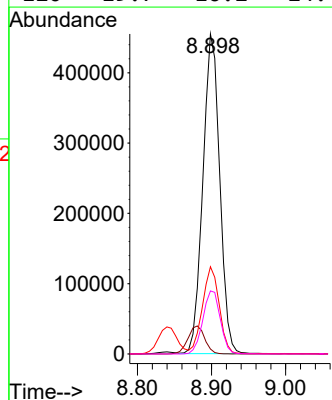
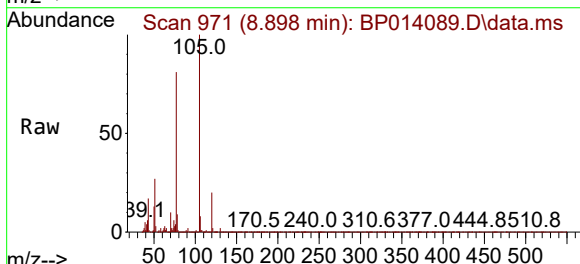
Instrument :
BNA_P
ClientSampleId :
PB151373BS

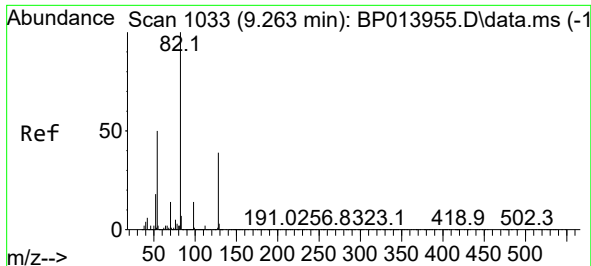
Tgt Ion:136 Resp: 516722
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.4 5.8 8.8
68 6.2 4.0 6.0#



#22
Acetophenone
Concen: 49.661 ng
RT: 8.898 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:105 Resp: 719790
Ion Ratio Lower Upper
105 100
71 1.5 1.4 2.0
51 27.2 21.5 32.3
120 19.7 16.2 24.4

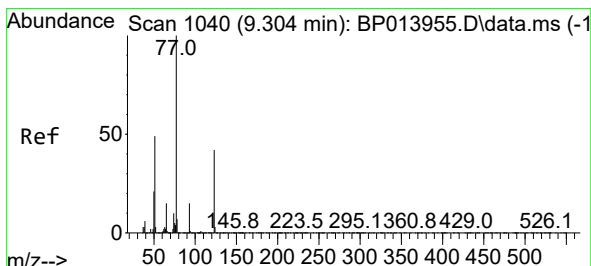
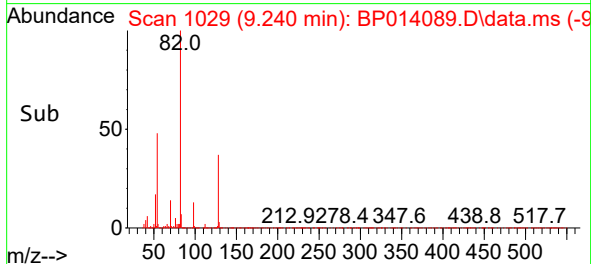
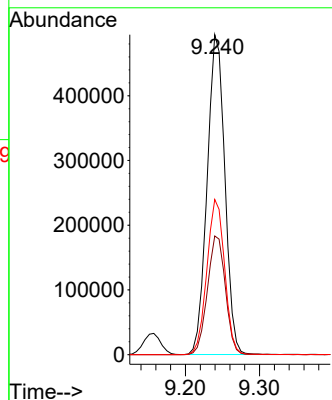
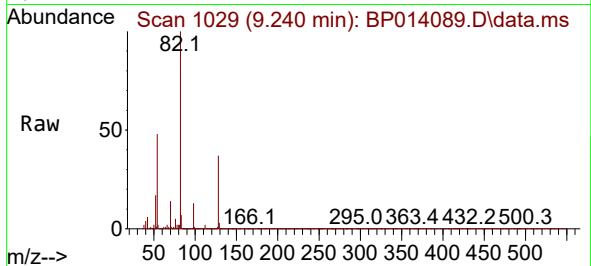




#23
Nitrobenzene-d5
Concen: 72.544 ng
RT: 9.240 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

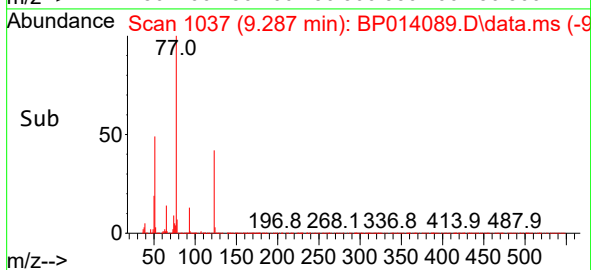
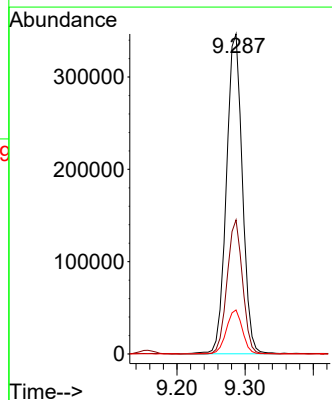
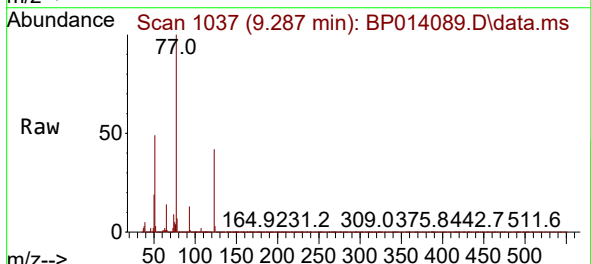
Instrument :
BNA_P
ClientSampleId :
PB151373BS

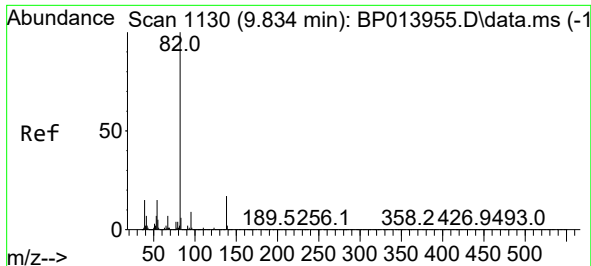
Tgt Ion: 82 Resp: 820141
Ion Ratio Lower Upper
82 100
128 37.1 31.1 46.7
54 48.5 40.0 60.0



#24
Nitrobenzene
Concen: 48.726 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion: 77 Resp: 563643
Ion Ratio Lower Upper
77 100
123 41.9 33.6 50.4
65 13.7 11.6 17.4

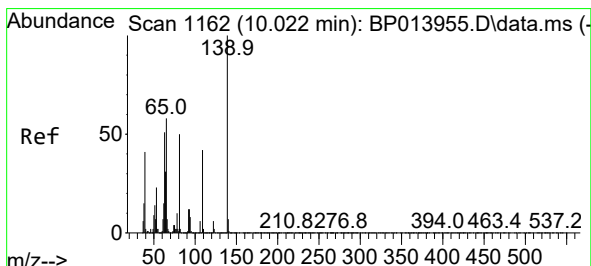
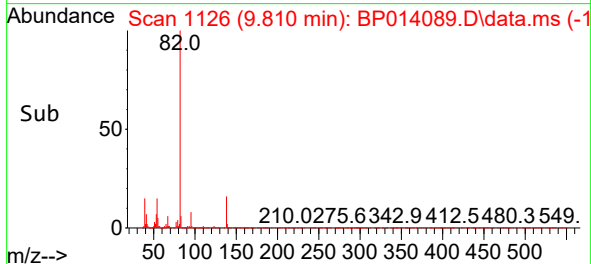
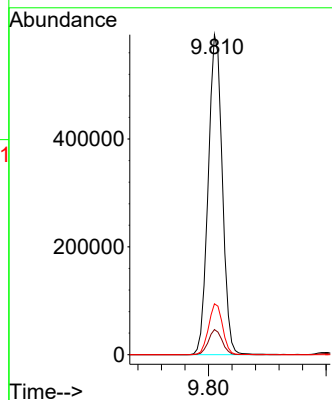
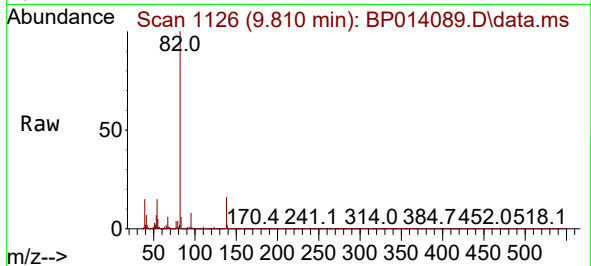




#25
Isophorone
Concen: 47.226 ng
RT: 9.810 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

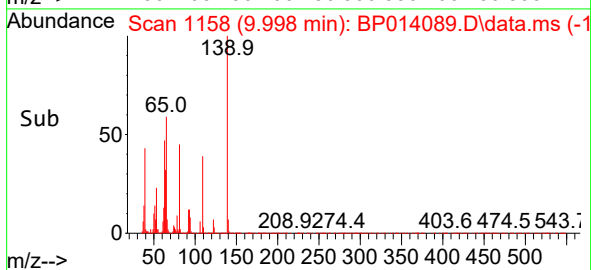
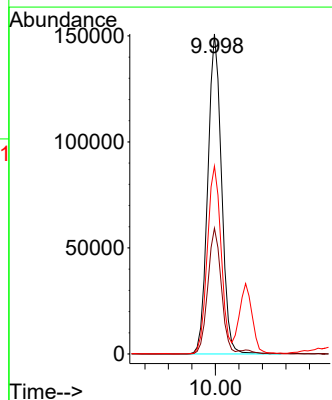
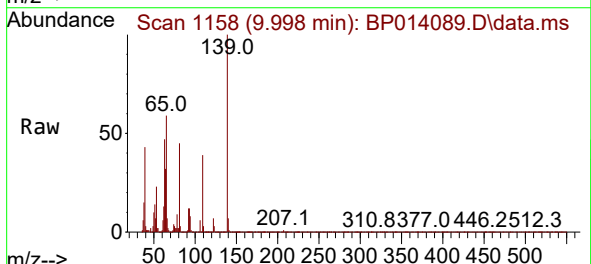
Instrument :
BNA_P
ClientSampleId :
PB151373BS

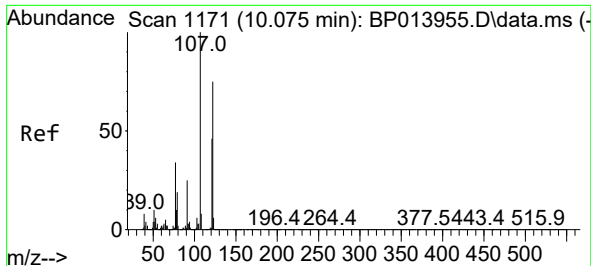
Tgt Ion: 82 Resp: 983775
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 15.9 13.3 19.9



#26
2-Nitrophenol
Concen: 48.563 ng
RT: 9.998 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:139 Resp: 244348
Ion Ratio Lower Upper
139 100
109 39.3 33.8 50.8
65 58.7 46.6 70.0

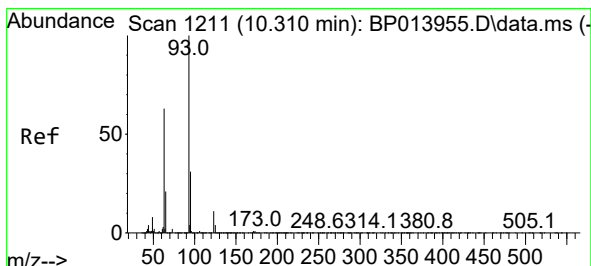
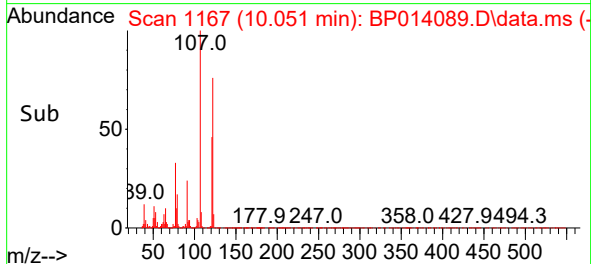
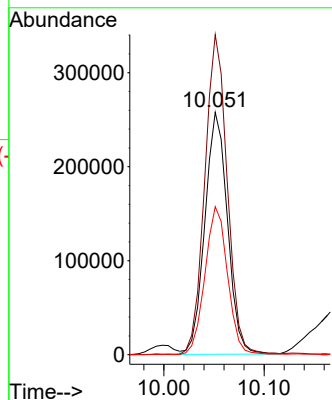
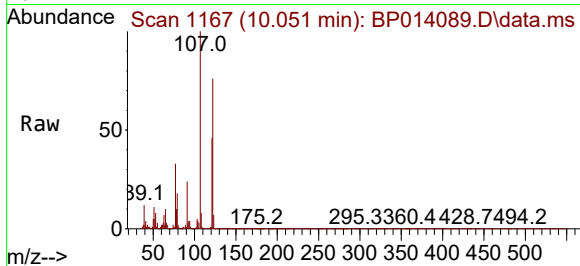




#27
2,4-Dimethylphenol
Concen: 49.445 ng
RT: 10.051 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

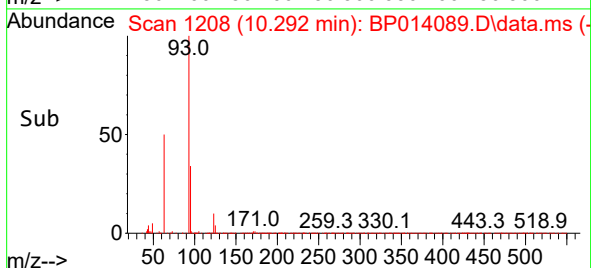
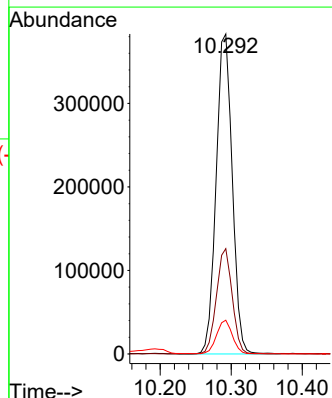
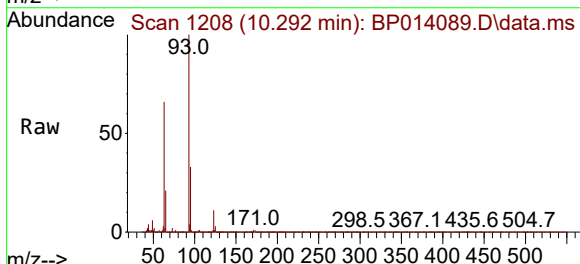
Instrument :
BNA_P
ClientSampleId :
PB151373BS

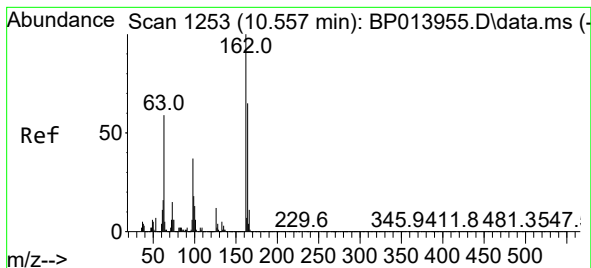
Tgt Ion:122 Resp: 404521
Ion Ratio Lower Upper
122 100
107 132.0 105.9 158.9
121 61.1 49.0 73.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.885 ng
RT: 10.292 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion: 93 Resp: 601457
Ion Ratio Lower Upper
93 100
95 32.9 25.0 37.6
123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.147 ng

RT: 10.534 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

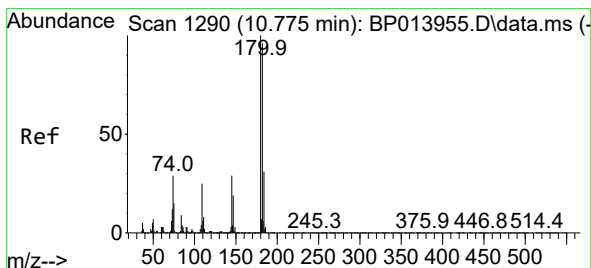
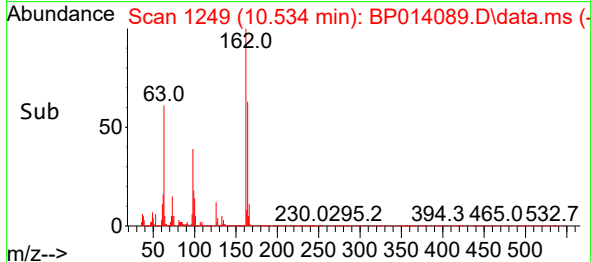
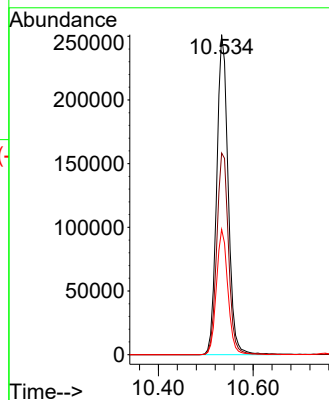
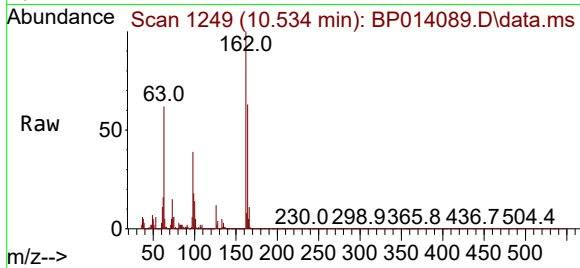
Tgt Ion:162 Resp: 422231

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 39.2 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 48.371 ng

RT: 10.751 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

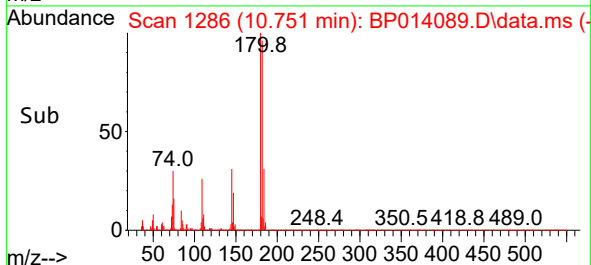
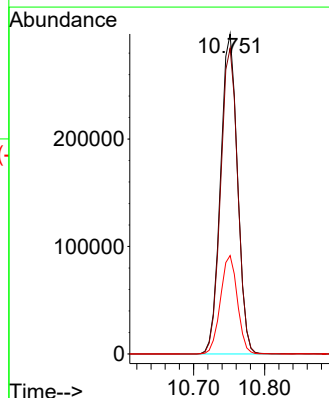
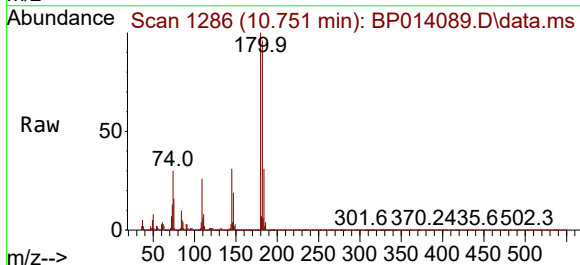
Tgt Ion:180 Resp: 491807

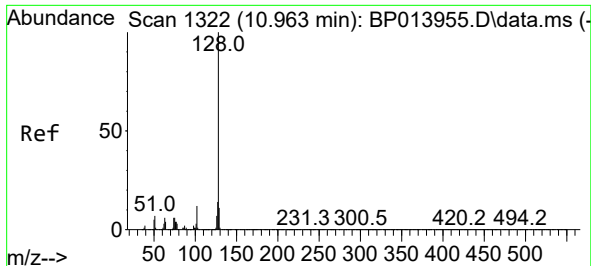
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

145 30.8 23.5 35.3

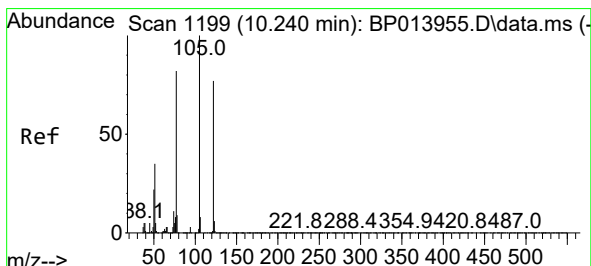
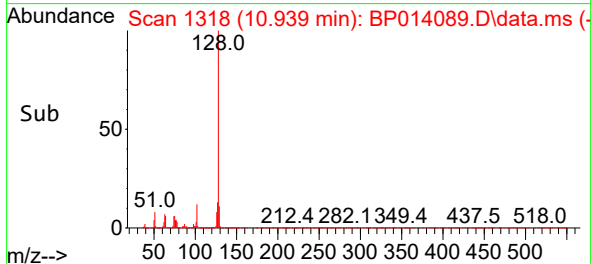
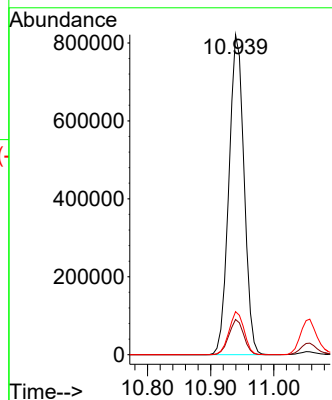
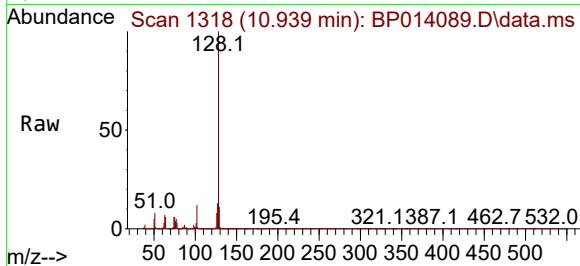




#31
Naphthalene
Concen: 48.137 ng
RT: 10.939 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

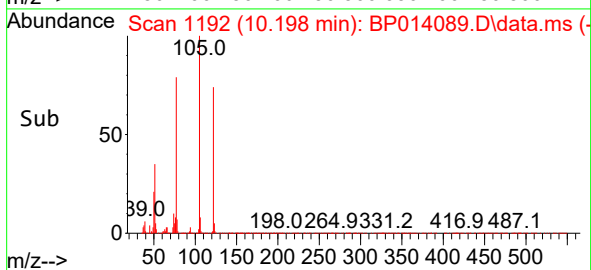
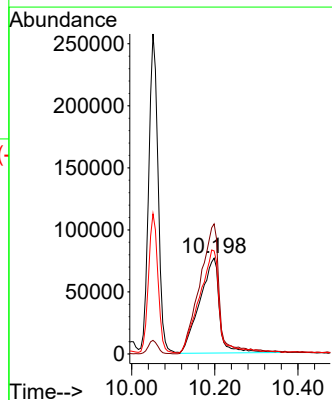
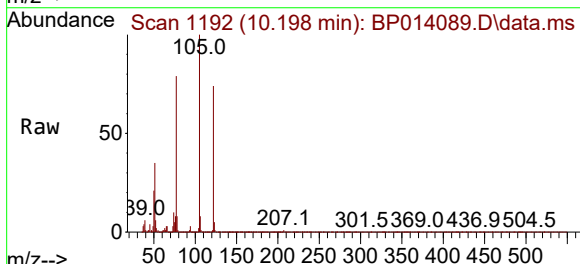
Instrument :
BNA_P
ClientSampleId :
PB151373BS

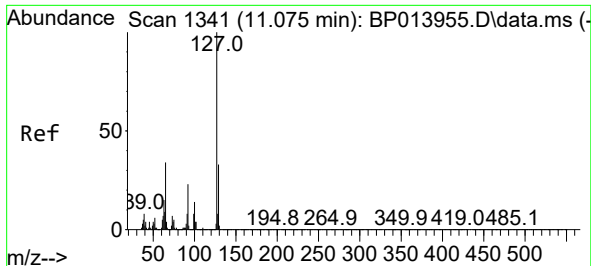
Tgt Ion:128 Resp: 1366764
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 11.2 16.8



#32
Benzoic acid
Concen: 37.948 ng
RT: 10.198 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:122 Resp: 253221
Ion Ratio Lower Upper
122 100
105 135.6 108.2 148.2
77 107.5 85.2 125.2

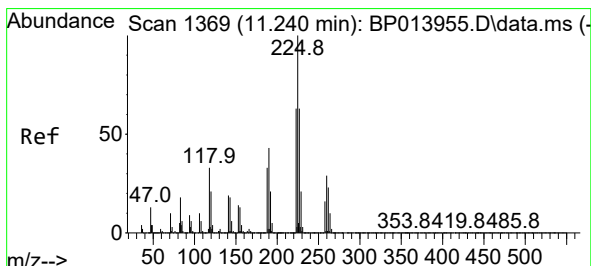
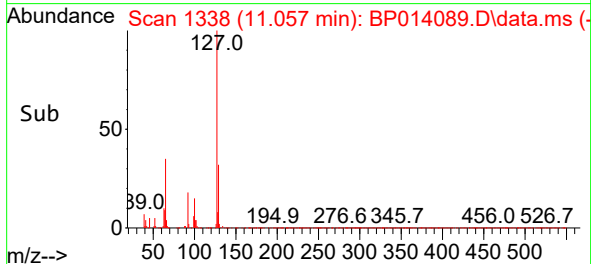
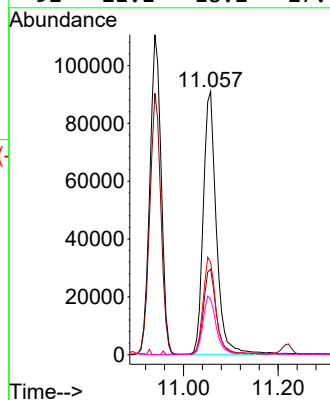
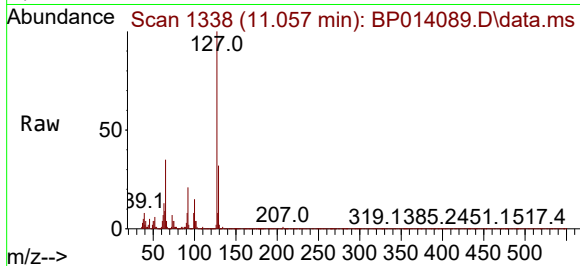




#33
4-Chloroaniline
Concen: 14.331 ng
RT: 11.057 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

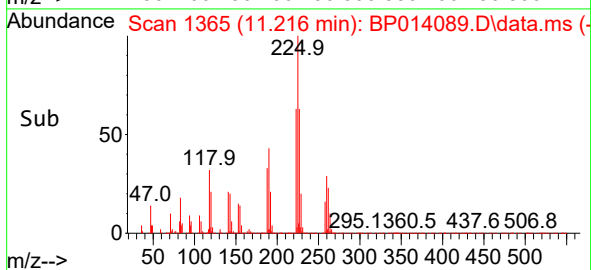
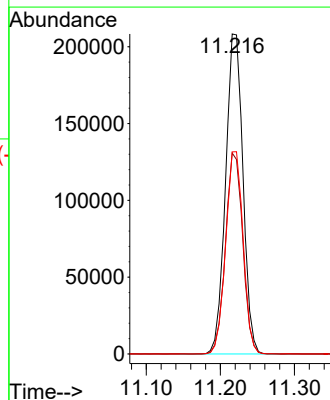
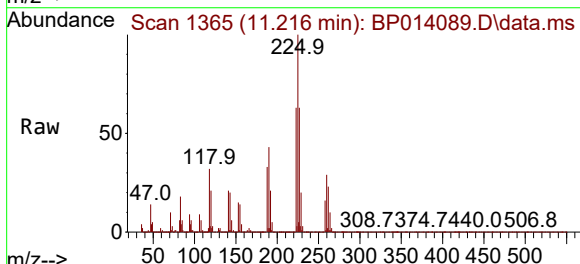
Instrument :
BNA_P
ClientSampleId :
PB151373BS

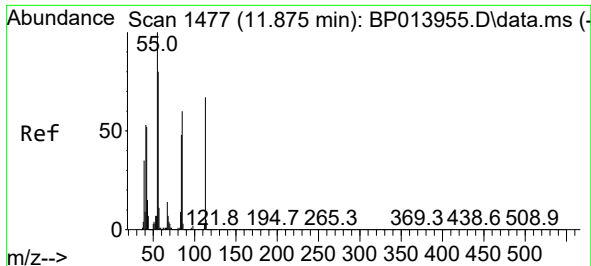
Tgt Ion:	127	Resp:	174436
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	35.1	27.0	40.4
92	21.1	18.2	27.4



#34
Hexachlorobutadiene
Concen: 45.877 ng
RT: 11.216 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:	225	Resp:	339128
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	50.2	75.4

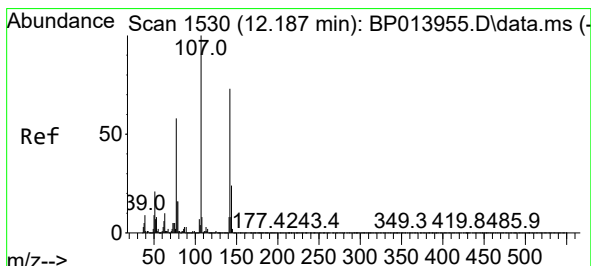
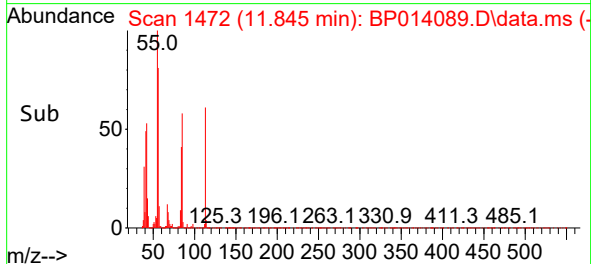
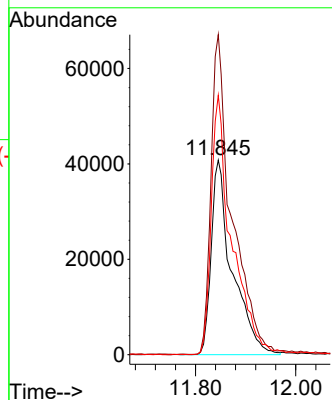
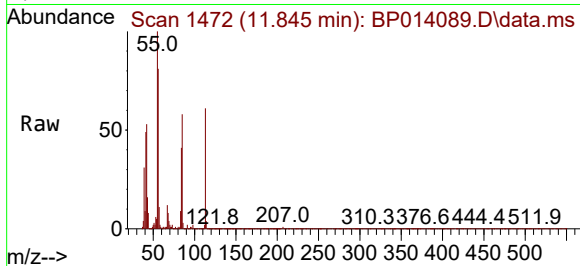




#35
 Caprolactam
 Concen: 45.928 ng
 RT: 11.845 min Scan# 1477
 Delta R.T. -0.012 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

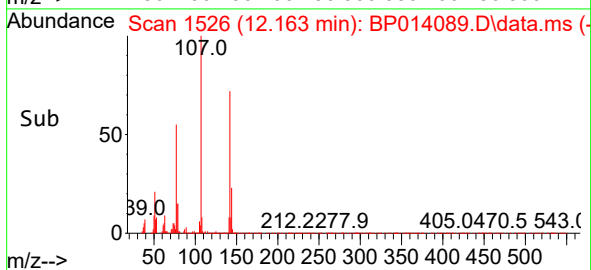
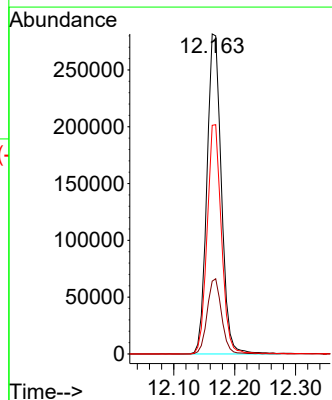
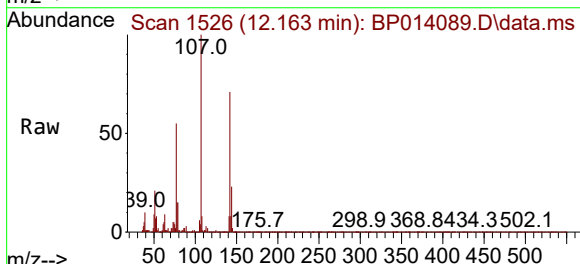
Instrument :
 BNA_P
 ClientSampleId :
 PB151373BS

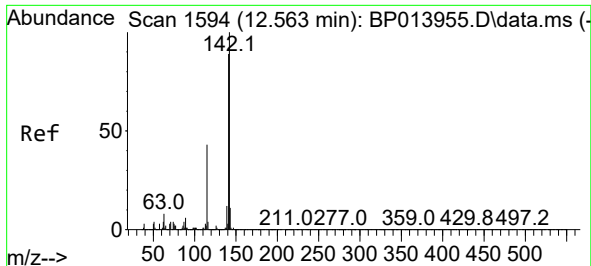
Tgt Ion:113 Resp: 117734
 Ion Ratio Lower Upper
 113 100
 55 164.5 128.9 168.9
 56 133.3 99.6 139.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.486 ng
 RT: 12.163 min Scan# 1526
 Delta R.T. -0.012 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

Tgt Ion:107 Resp: 464303
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 71.5 58.5 87.7

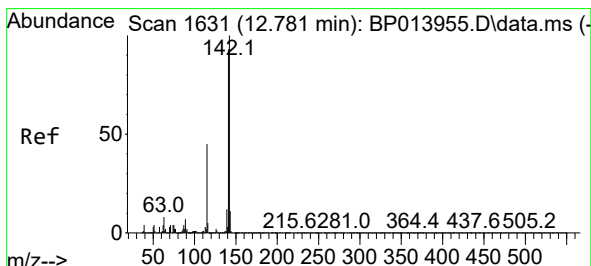
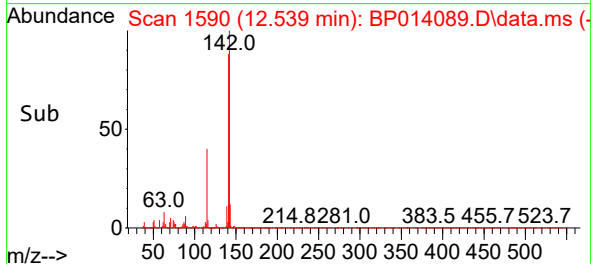
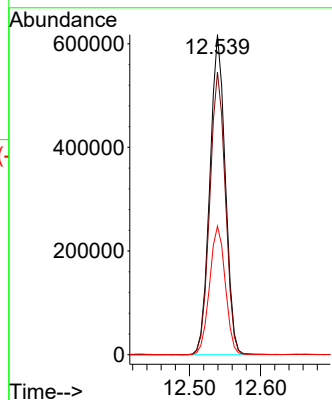
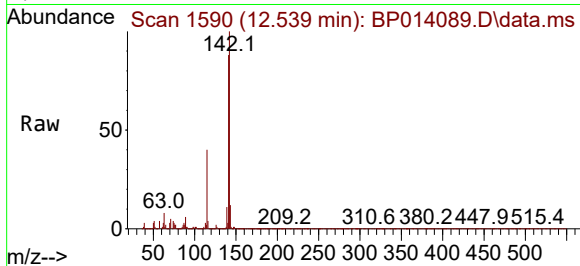




#37
2-Methylnaphthalene
Concen: 44.555 ng
RT: 12.539 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

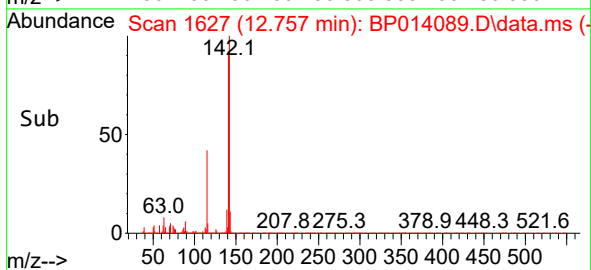
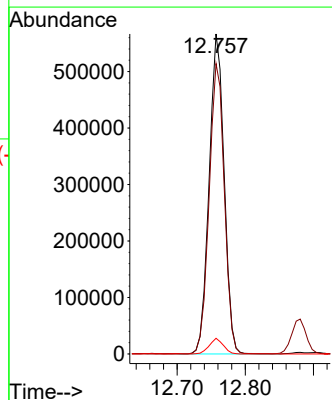
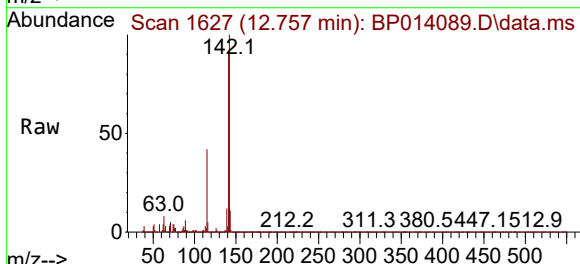
Instrument :
BNA_P
ClientSampleId :
PB151373BS

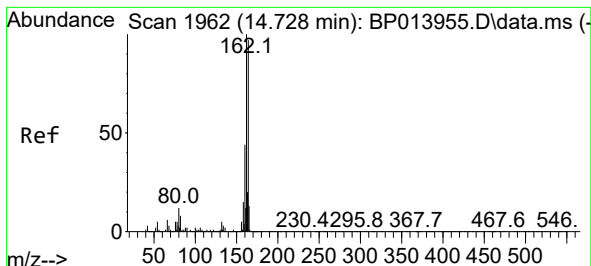
Tgt Ion:142 Resp: 933288
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4
115 40.1 34.5 51.7



#38
1-Methylnaphthalene
Concen: 44.469 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:142 Resp: 868302
Ion Ratio Lower Upper
142 100
141 90.7 74.4 111.6
116 4.9 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: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

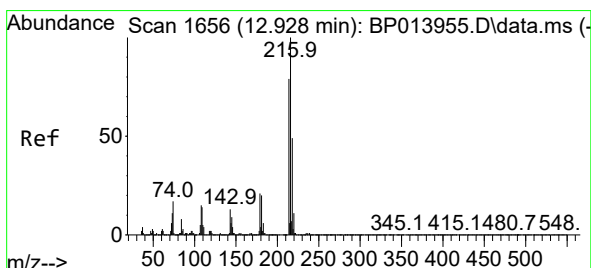
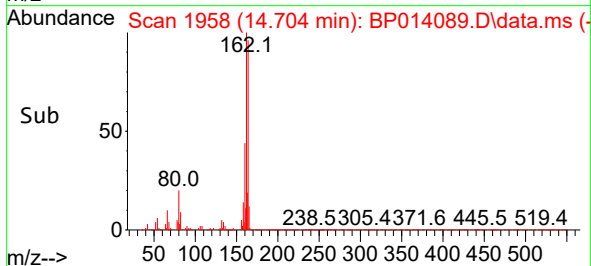
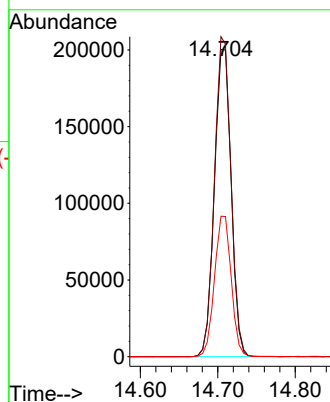
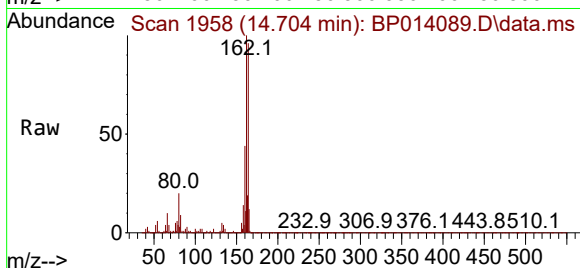
Tgt Ion:164 Resp: 300790

Ion Ratio Lower Upper

164 100

162 104.2 82.1 123.1

160 45.7 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.469 ng

RT: 12.904 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Tgt Ion:216 Resp: 555707

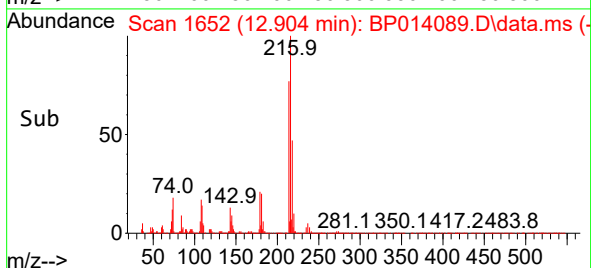
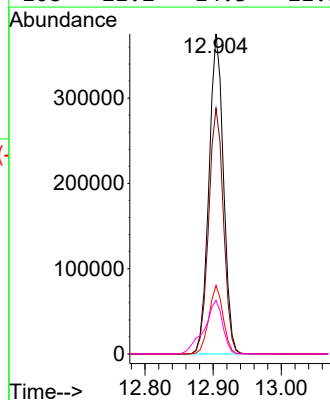
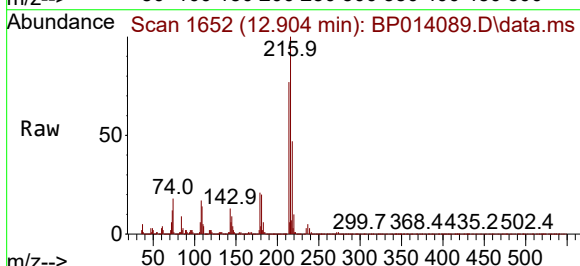
Ion Ratio Lower Upper

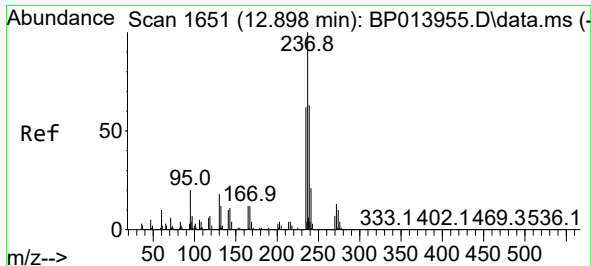
216 100

214 78.3 62.2 93.2

179 21.0 16.6 24.8

108 21.2 14.3 21.5

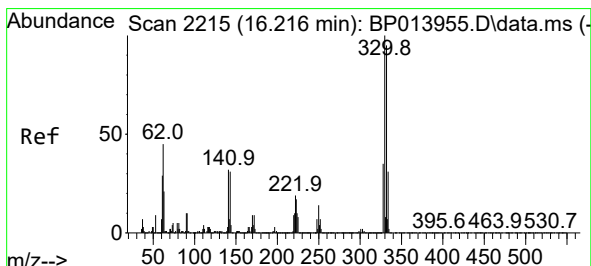
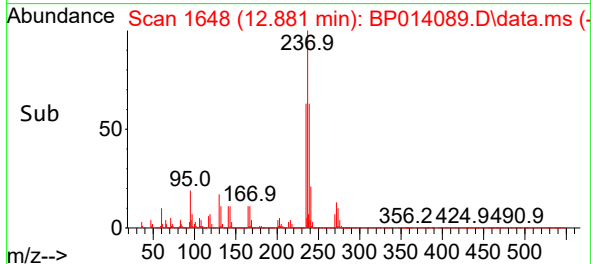
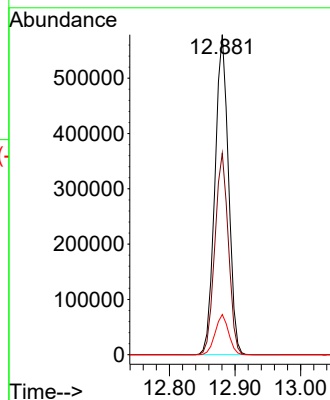
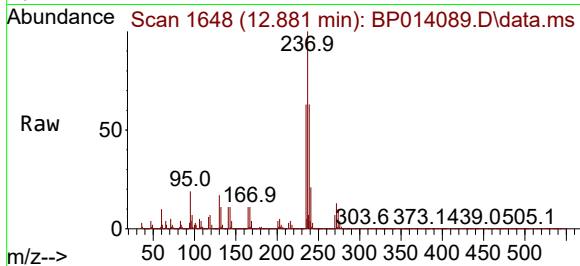




#41
Hexachlorocyclopentadiene
Concen: 115.114 ng
RT: 12.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

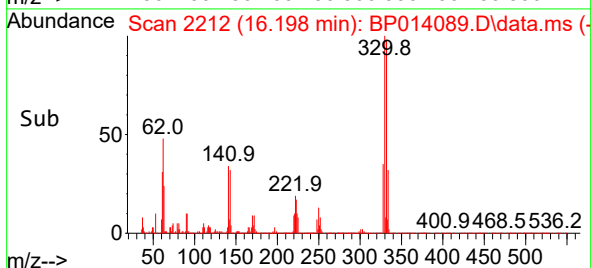
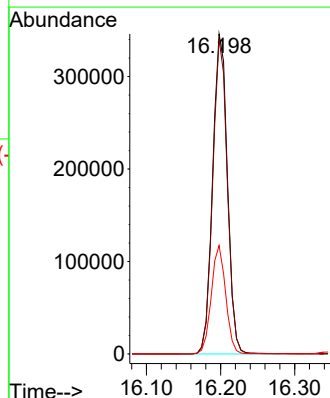
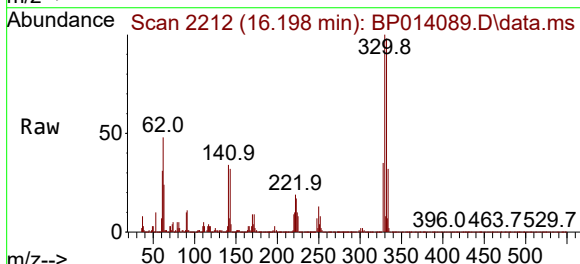
Instrument :
BNA_P
ClientSampleId :
PB151373BS

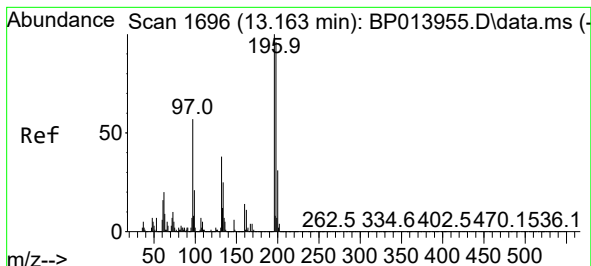
Tgt Ion:237 Resp: 828279
Ion Ratio Lower Upper
237 100
235 62.9 41.9 81.9
272 12.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 98.258 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:330 Resp: 479192
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 33.0 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 47.097 ng

RT: 13.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

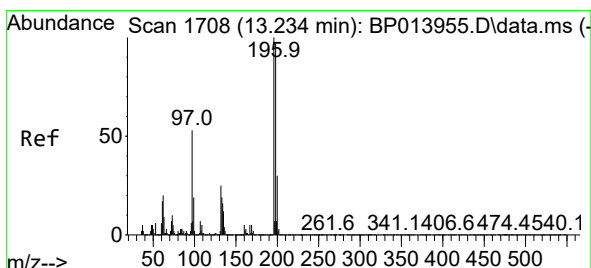
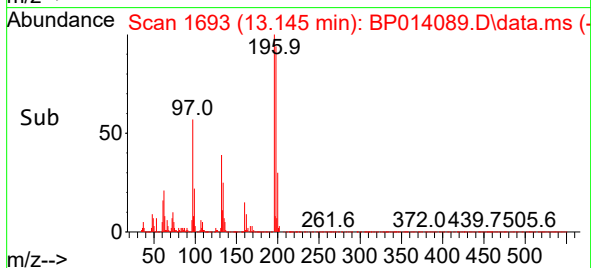
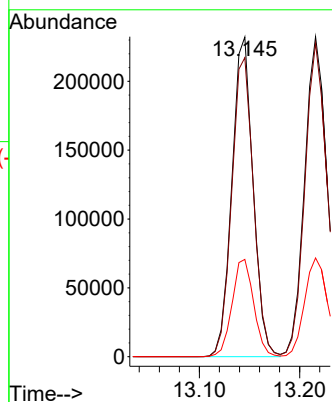
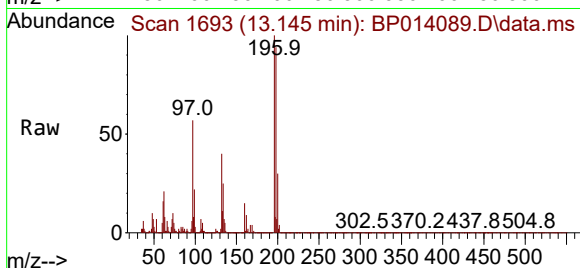
Tgt Ion:196 Resp: 341318

Ion Ratio Lower Upper

196 100

198 93.6 76.7 115.1

200 30.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 43.624 ng

RT: 13.216 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Tgt Ion:196 Resp: 366346

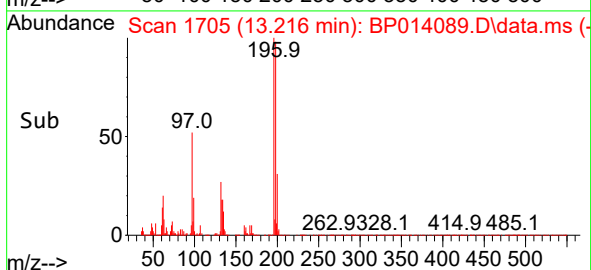
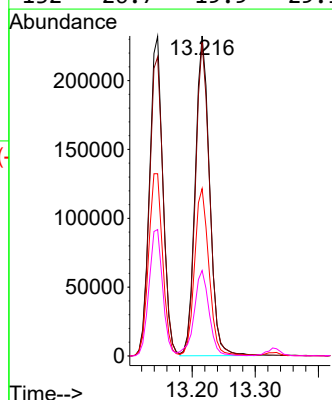
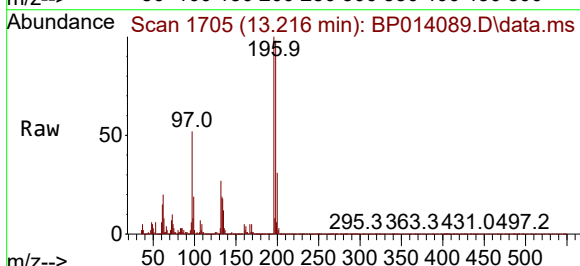
Ion Ratio Lower Upper

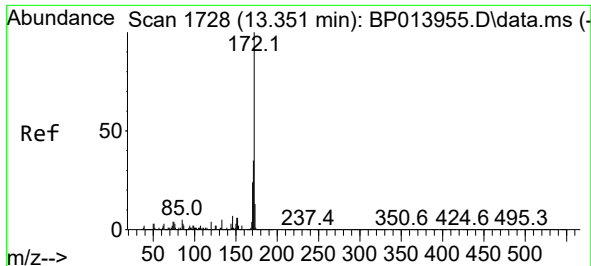
196 100

198 98.0 77.5 116.3

97 52.3 42.6 64.0

132 26.7 19.9 29.9

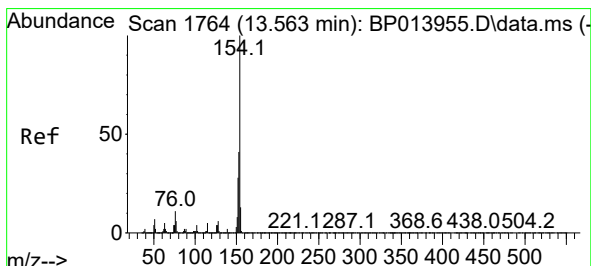
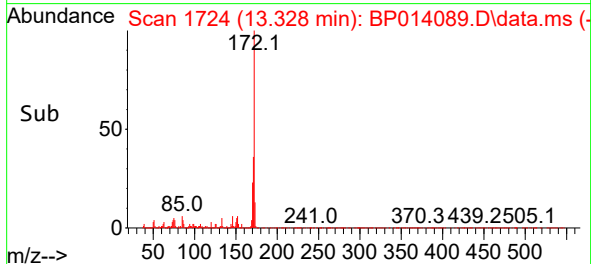
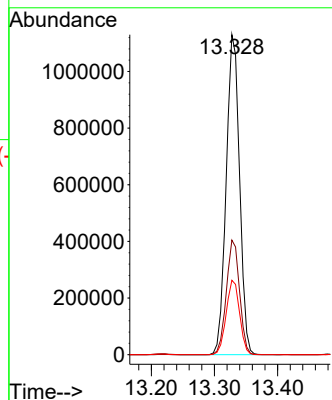
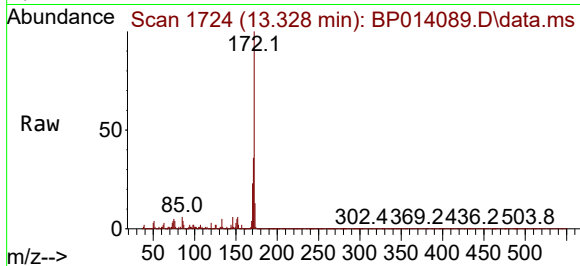




#45
2-Fluorobiphenyl
Concen: 71.249 ng
RT: 13.328 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

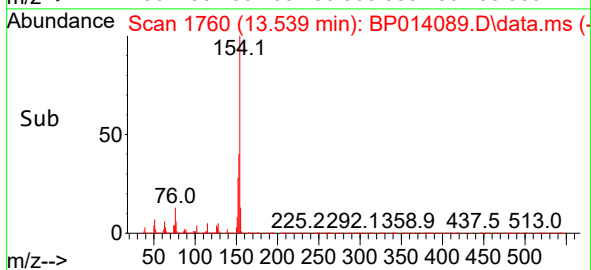
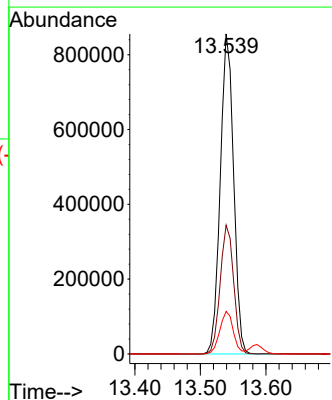
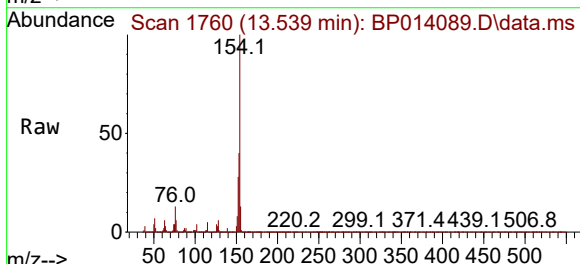
Instrument :
BNA_P
ClientSampleId :
PB151373BS

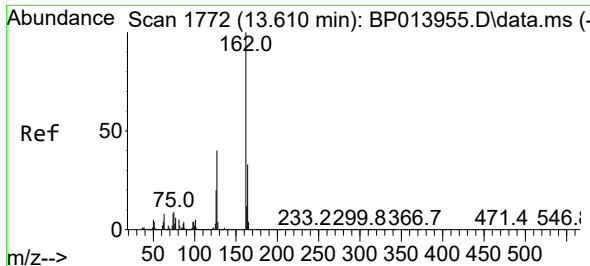
Tgt Ion:172 Resp: 1654152
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.645 ng
RT: 13.539 min Scan# 1760
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:154 Resp: 1201969
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 13.3 0.0 31.0

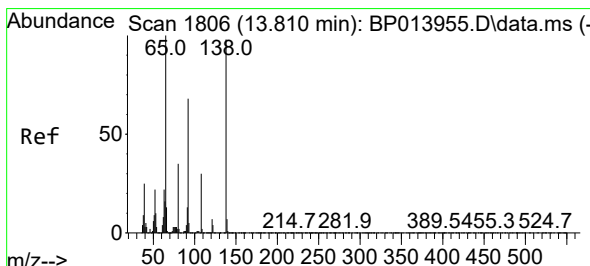
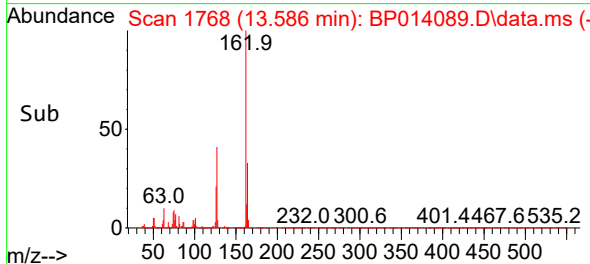
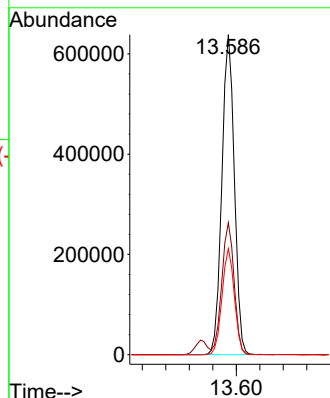
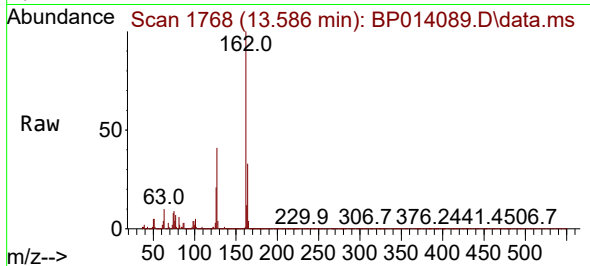




#47
2-Chloronaphthalene
Concen: 50.479 ng
RT: 13.586 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

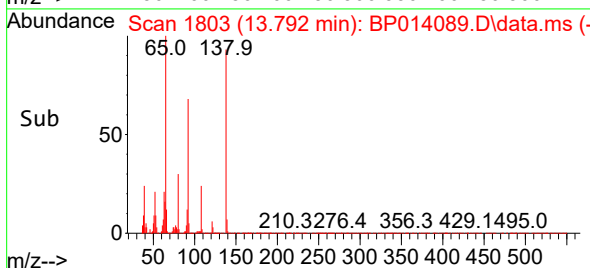
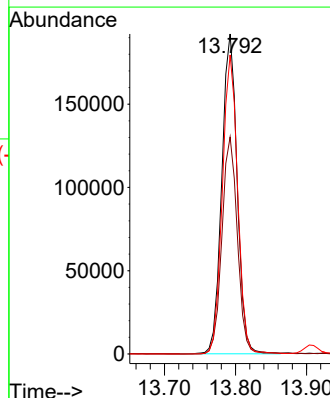
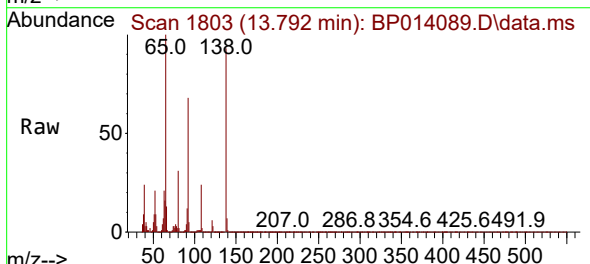
Instrument :
BNA_P
ClientSampleId :
PB151373BS

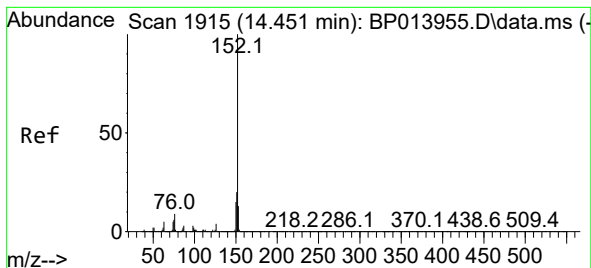
Tgt Ion:162 Resp: 940834
Ion Ratio Lower Upper
162 100
127 41.3 32.5 48.7
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 50.841 ng
RT: 13.792 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion: 65 Resp: 287574
Ion Ratio Lower Upper
65 100
92 67.8 54.4 81.6
138 93.5 78.0 117.0





#49

Acenaphthylene

Concen: 48.129 ng

RT: 14.428 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

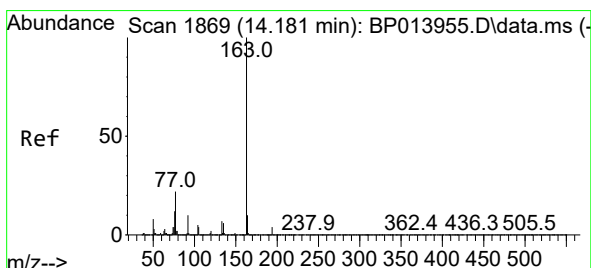
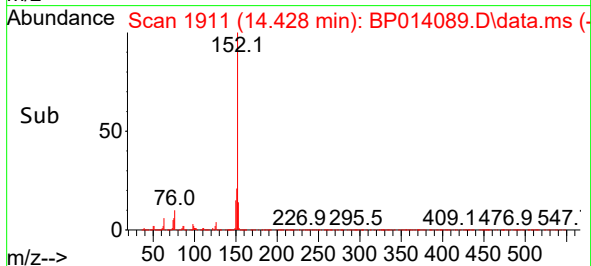
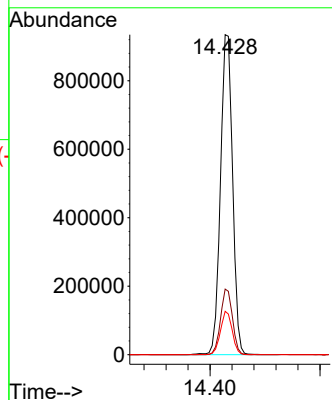
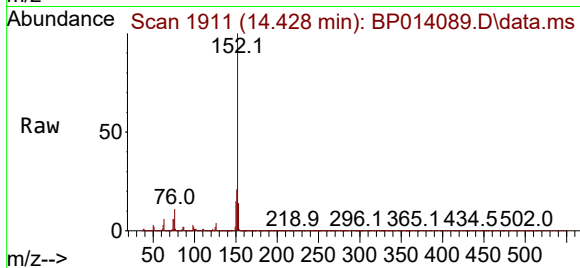
Tgt Ion:152 Resp: 1426533

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

153 13.6 10.4 15.6



#50

Dimethylphthalate

Concen: 45.827 ng

RT: 14.163 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

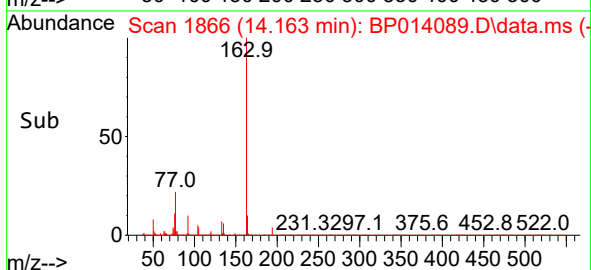
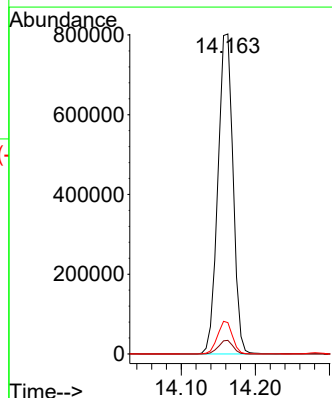
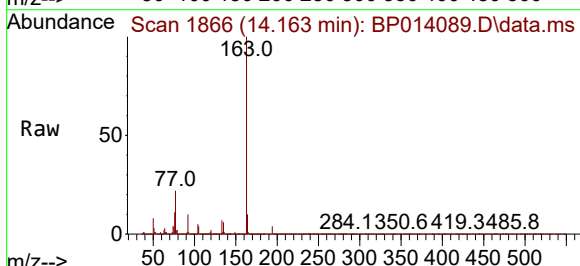
Tgt Ion:163 Resp: 1137172

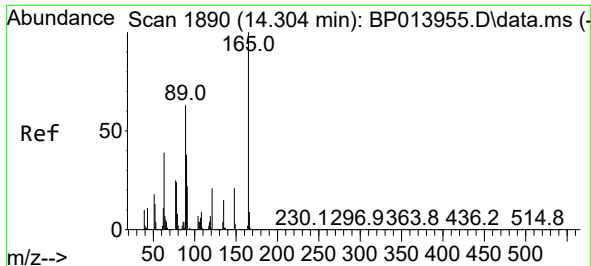
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.8 8.1 12.1

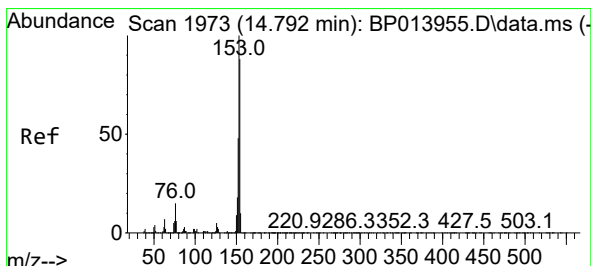
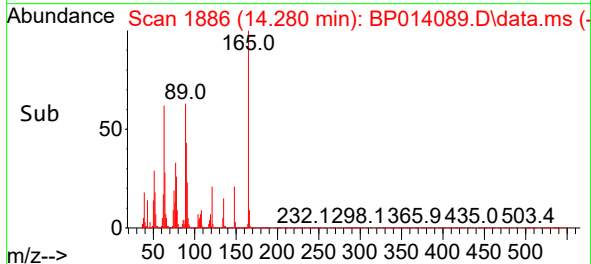
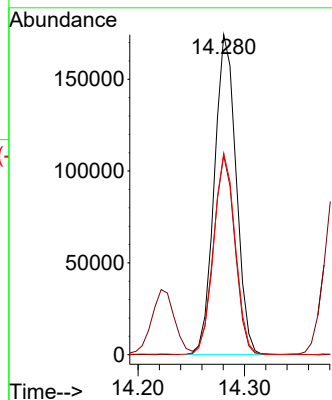
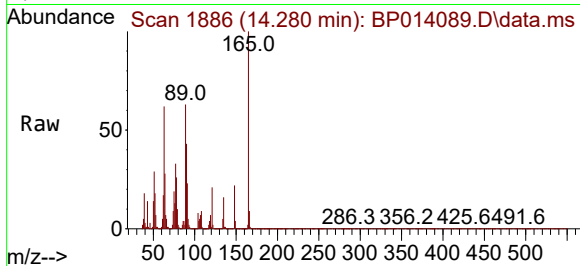




#51
2,6-Dinitrotoluene
Concen: 47.309 ng
RT: 14.280 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

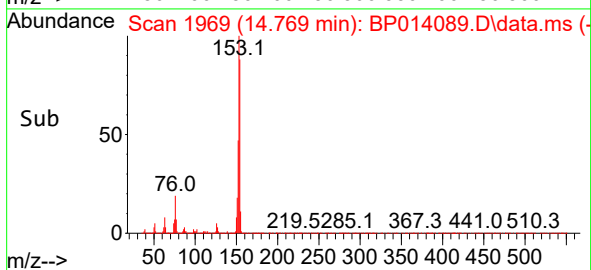
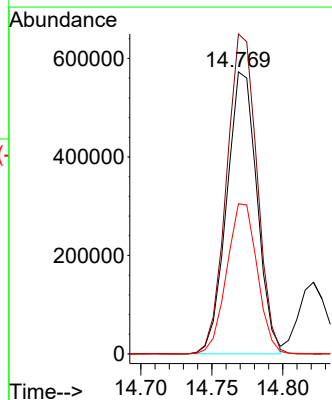
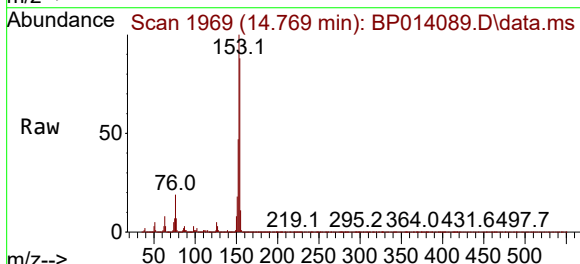
Instrument :
BNA_P
ClientSampleId :
PB151373BS

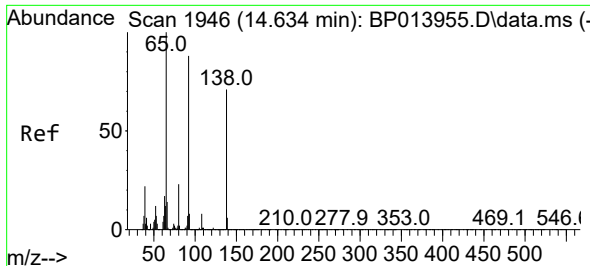
Tgt Ion:165 Resp: 247219
Ion Ratio Lower Upper
165 100
63 62.2 46.7 70.1
89 63.0 50.8 76.2



#52
Acenaphthene
Concen: 47.691 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:154 Resp: 850913
Ion Ratio Lower Upper
154 100
153 113.5 91.3 136.9
152 53.2 43.4 65.0

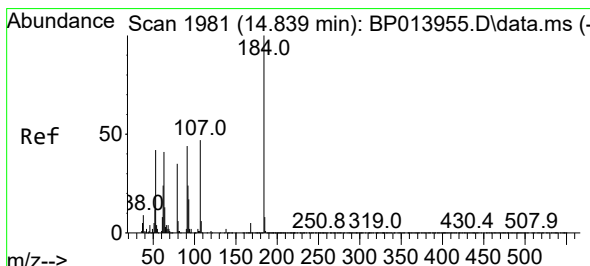
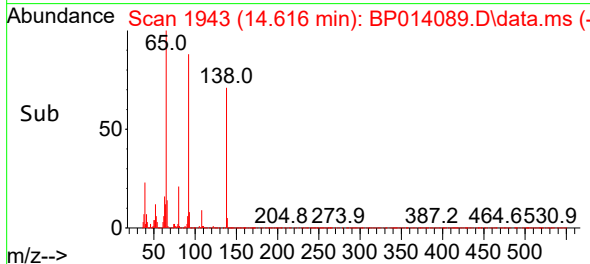
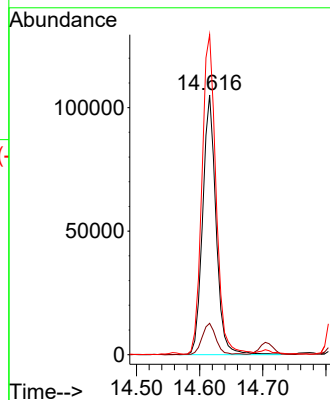
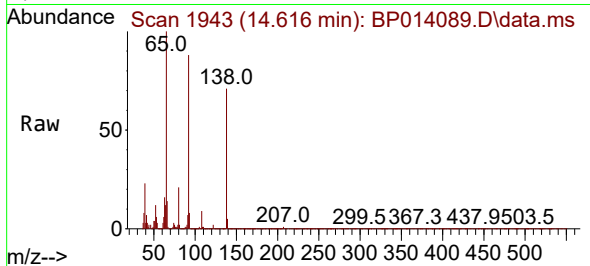




#53
3-Nitroaniline
Concen: 30.199 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

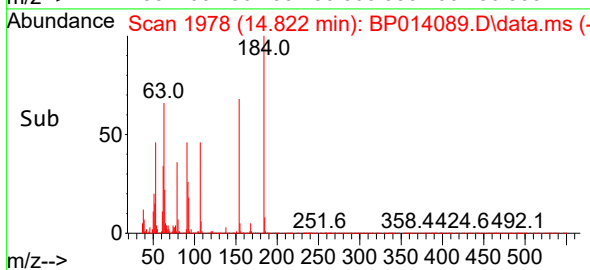
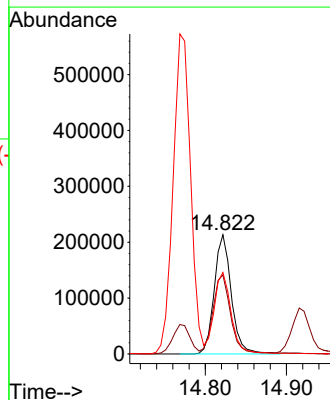
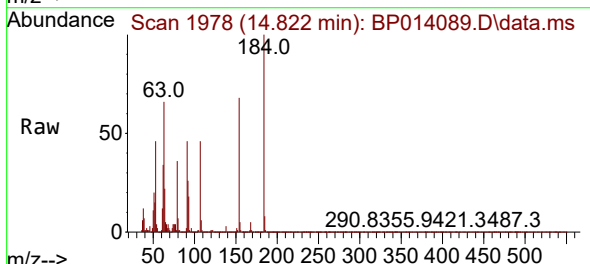
Instrument :
BNA_P
ClientSampleId :
PB151373BS

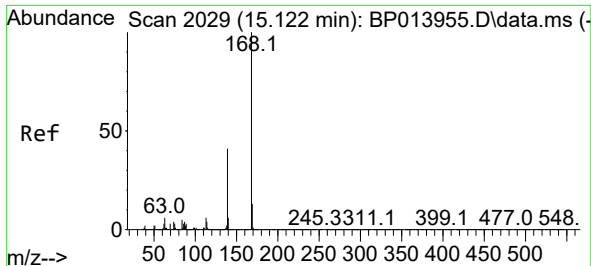
Tgt Ion:138 Resp: 154660
Ion Ratio Lower Upper
138 100
108 12.1 9.5 14.3
92 123.2 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 80.561 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:184 Resp: 312232
Ion Ratio Lower Upper
184 100
63 66.3 52.4 78.6
154 68.3 59.4 89.2

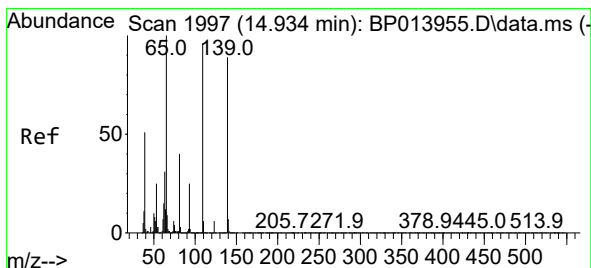
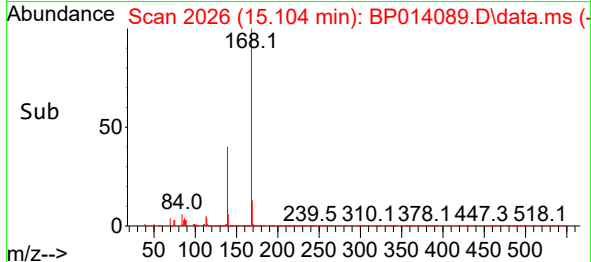
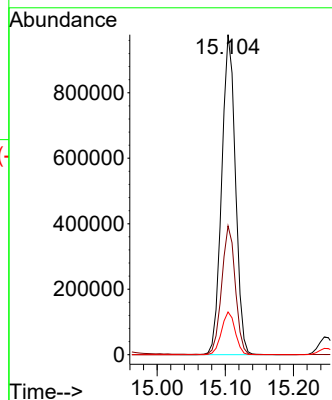
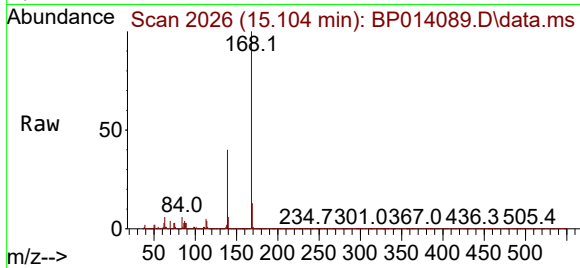




#55
Dibenzofuran
Concen: 47.178 ng
RT: 15.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

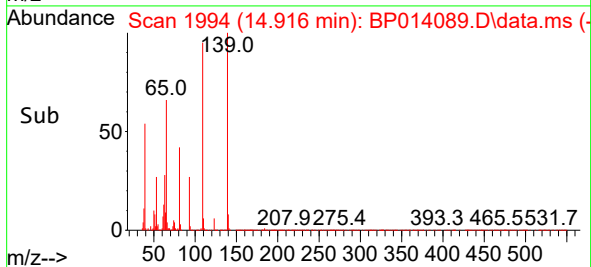
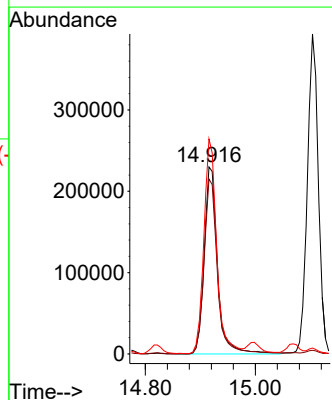
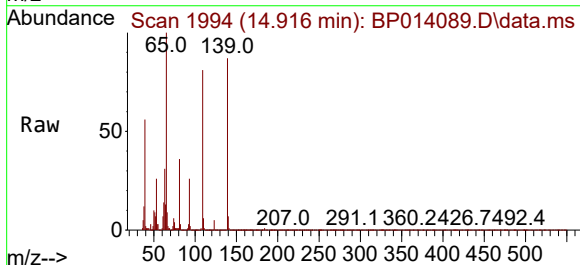
Instrument :
BNA_P
ClientSampleId :
PB151373BS

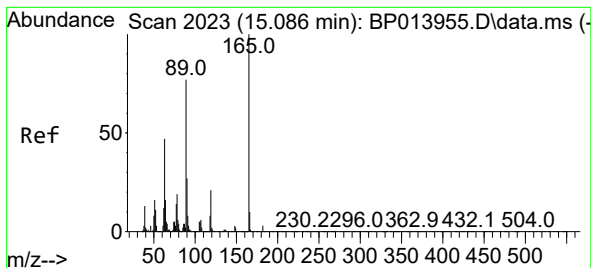
Tgt Ion:168 Resp: 1372300
Ion Ratio Lower Upper
168 100
139 40.2 32.9 49.3
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 92.739 ng
RT: 14.916 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:139 Resp: 386752
Ion Ratio Lower Upper
139 100
109 93.6 87.0 127.0
65 115.0 92.1 132.1

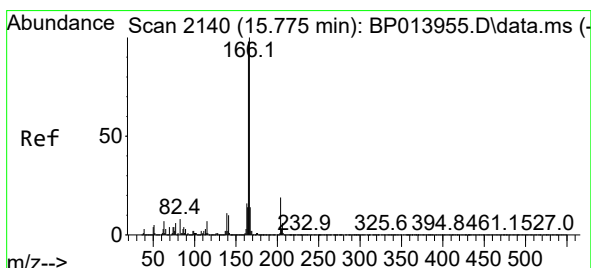
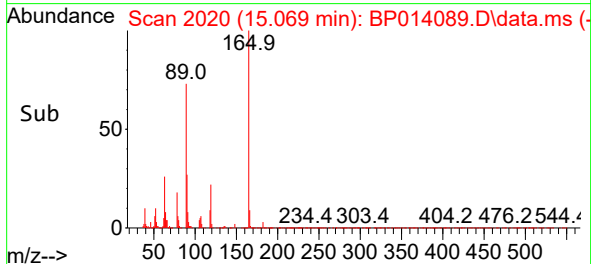
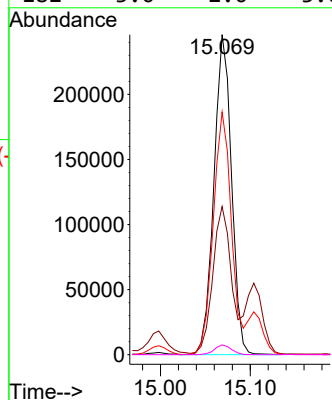
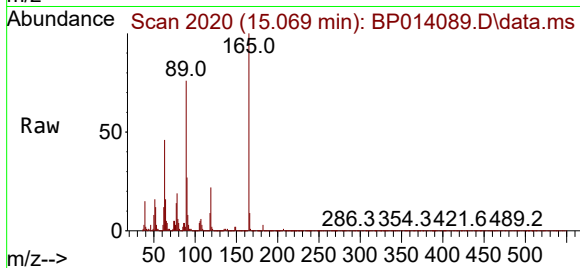




#57
2,4-Dinitrotoluene
Concen: 47.936 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

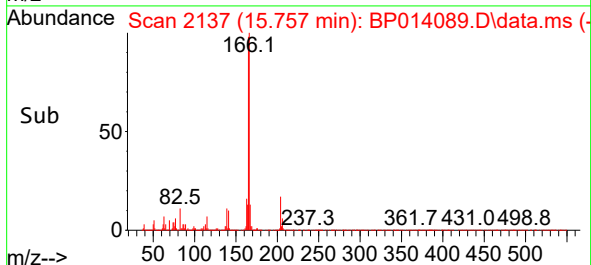
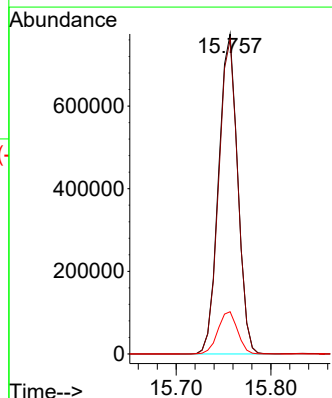
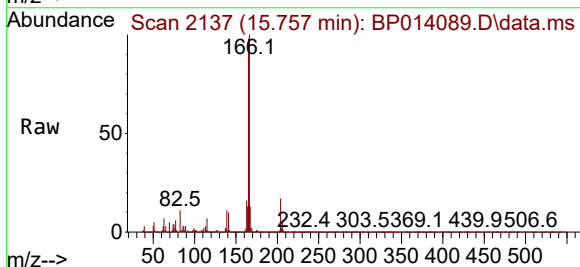
Instrument :
BNA_P
ClientSampleId :
PB151373BS

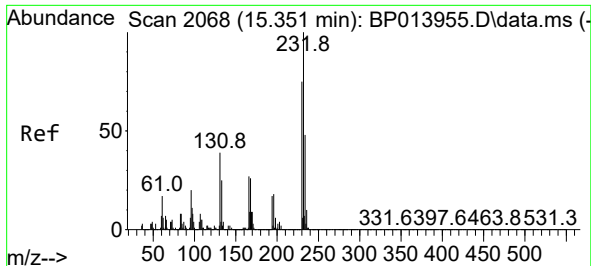
Tgt Ion:165 Resp: 334846
Ion Ratio Lower Upper
165 100
63 46.3 37.5 56.3
89 75.8 61.8 92.8
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 46.864 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:166 Resp: 1082411
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.2 10.8 16.2

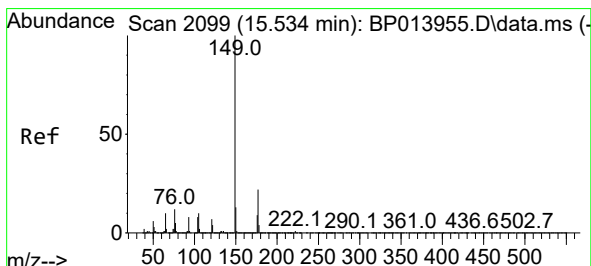
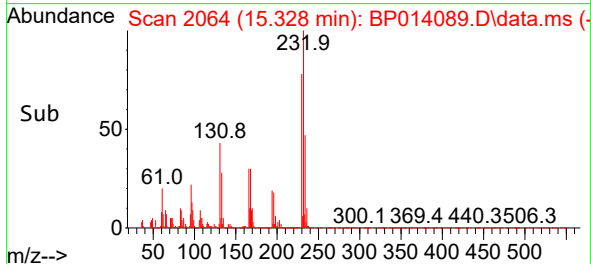
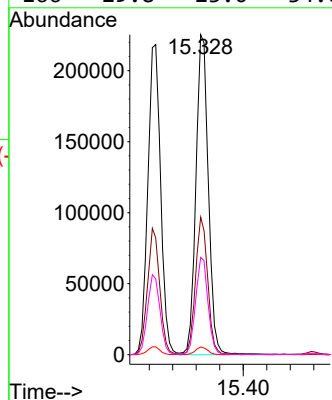
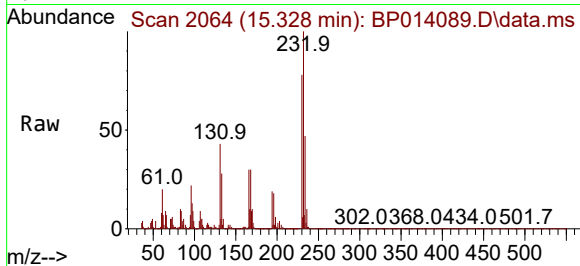




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.241 ng
RT: 15.328 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

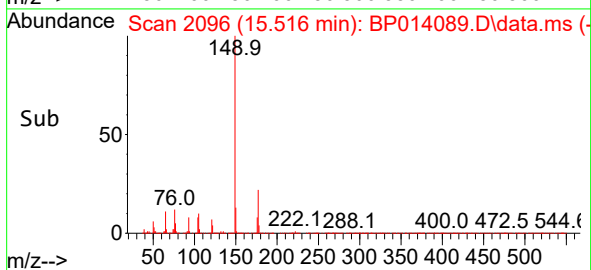
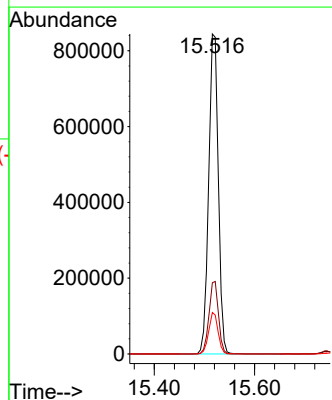
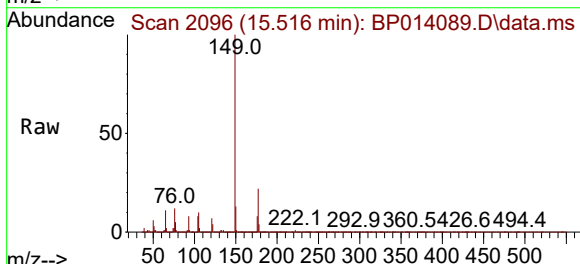
Instrument :
BNA_P
ClientSampleId :
PB151373BS

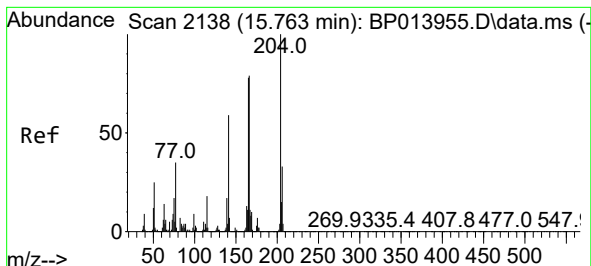
Tgt Ion:232 Resp: 331444
Ion Ratio Lower Upper
232 100
131 42.0 32.5 48.7
130 2.4 1.9 2.9
166 29.8 23.0 34.6



#60
Diethylphthalate
Concen: 46.079 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:149 Resp: 1128974
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 13.0 10.3 15.5

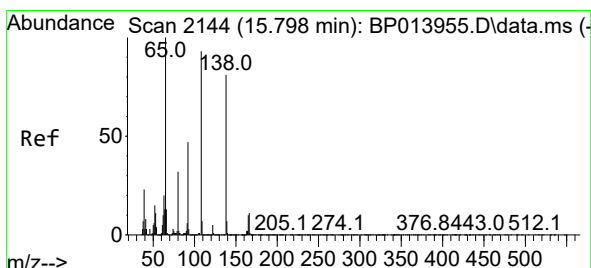
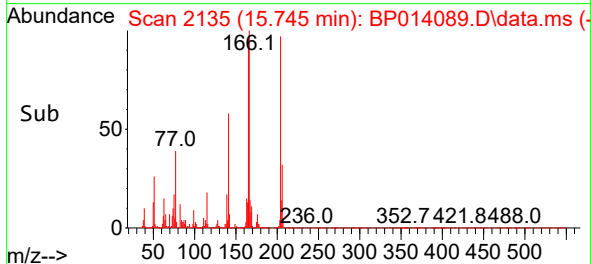
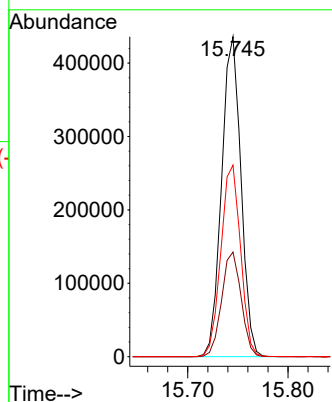
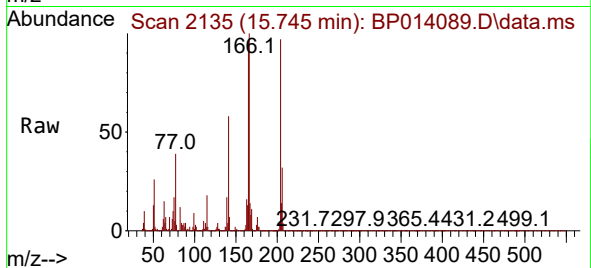




#61
4-Chlorophenyl-phenylether
Concen: 44.574 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

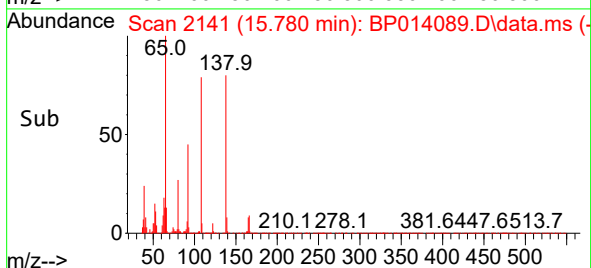
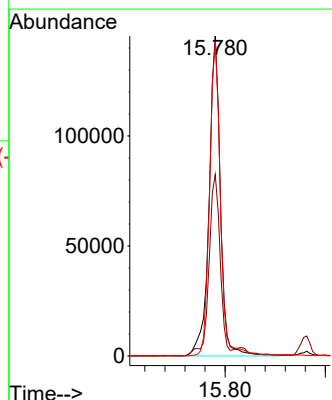
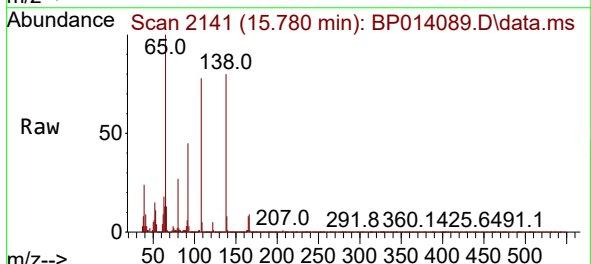
Instrument :
BNA_P
ClientSampleId :
PB151373BS

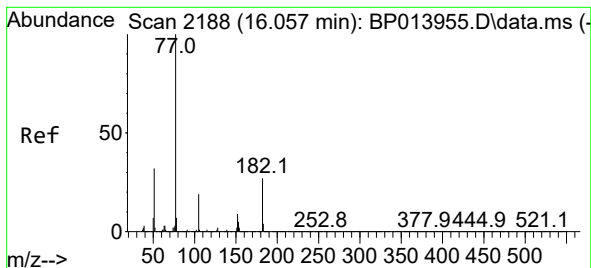
Tgt Ion:204 Resp: 583615
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 59.9 46.9 70.3



#62
4-Nitroaniline
Concen: 45.253 ng
RT: 15.780 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:138 Resp: 230765
Ion Ratio Lower Upper
138 100
92 56.7 37.9 77.9
108 98.1 94.9 134.9





#63

Azobenzene

Concen: 50.692 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

Tgt Ion: 77 Resp: 1149253

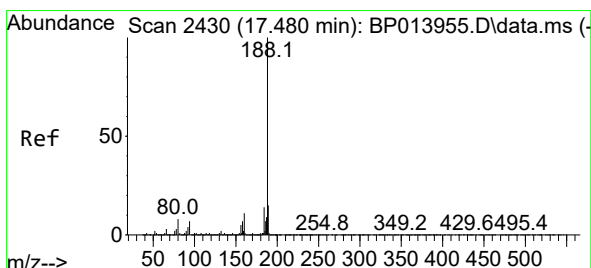
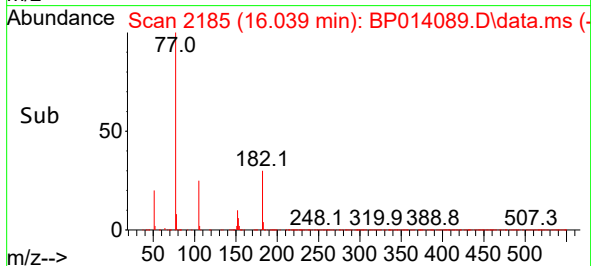
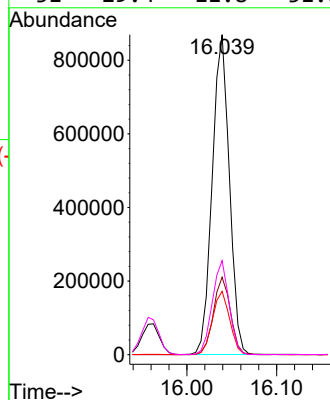
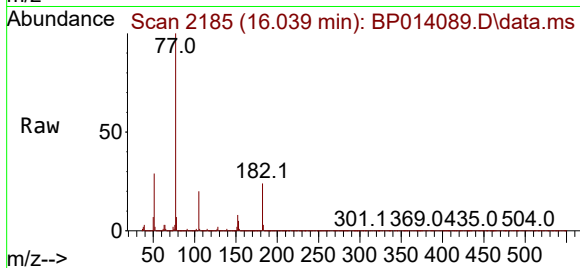
Ion Ratio Lower Upper

77 100

182 24.2 6.9 46.9

105 19.8 0.0 39.4

51 29.4 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: BP014089.D

Acq: 14 Mar 2023 18:52

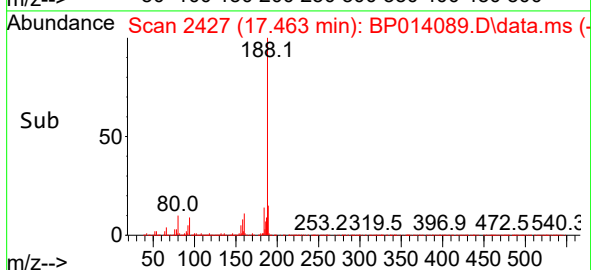
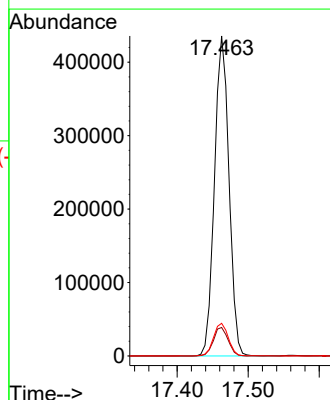
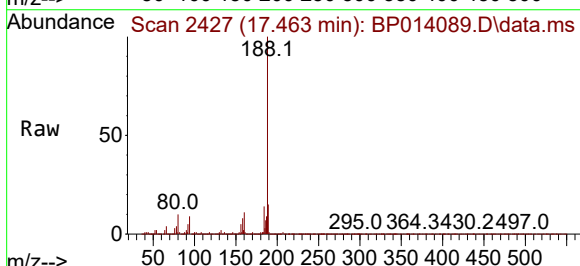
Tgt Ion:188 Resp: 616513

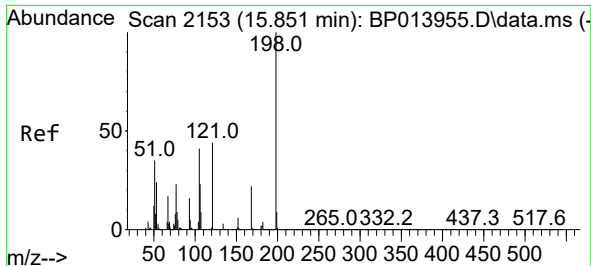
Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.6#

80 10.2 6.6 9.8#

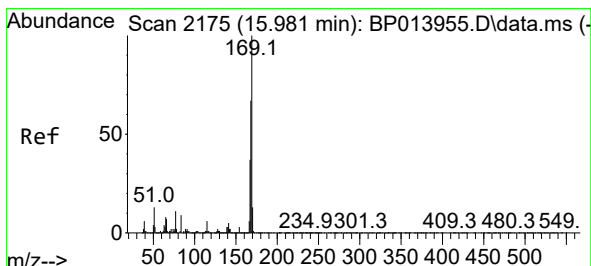
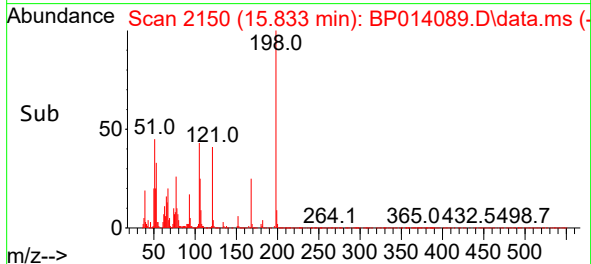
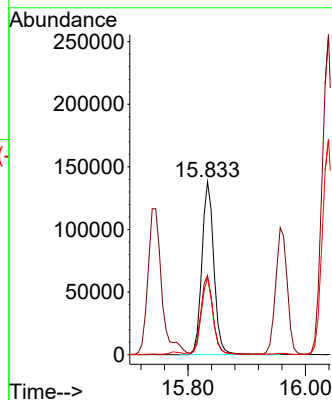
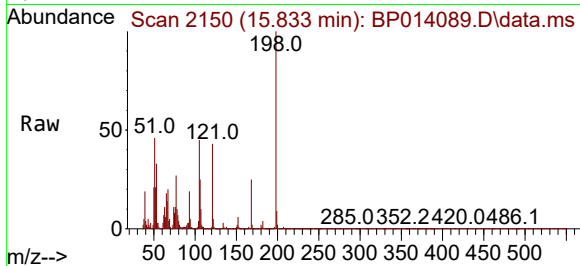




#65
4,6-Dinitro-2-methylphenol
Concen: 42.876 ng
RT: 15.833 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

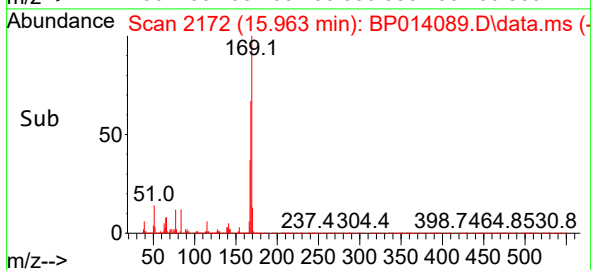
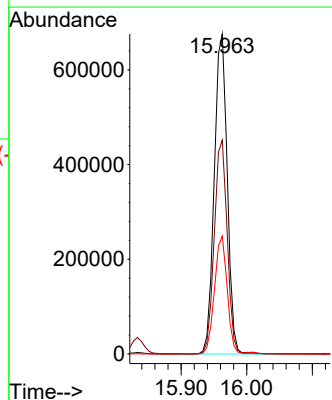
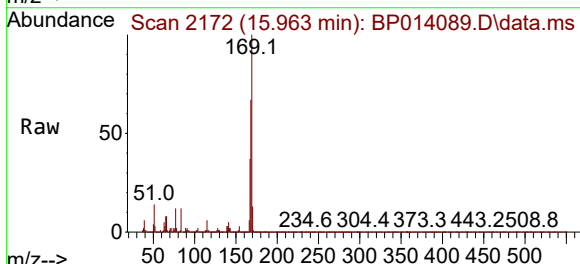
Instrument :
BNA_P
ClientSampleId :
PB151373BS

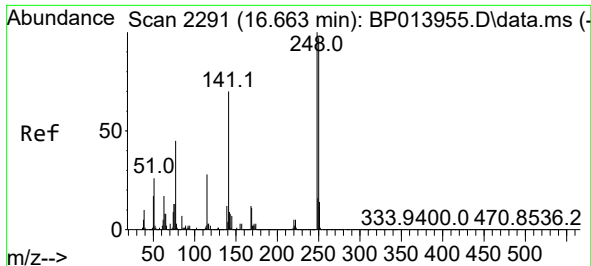
Tgt Ion:198 Resp: 195790
Ion Ratio Lower Upper
198 100
51 45.8 22.1 62.1
105 44.7 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 47.568 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:169 Resp: 926695
Ion Ratio Lower Upper
169 100
168 66.8 54.0 81.0
167 36.9 29.4 44.2

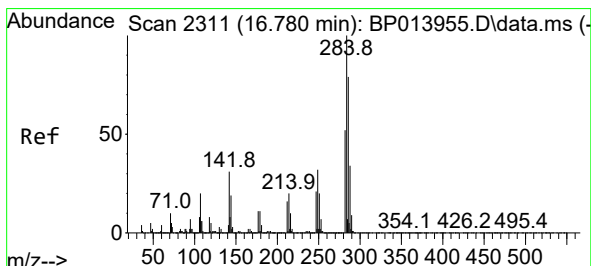
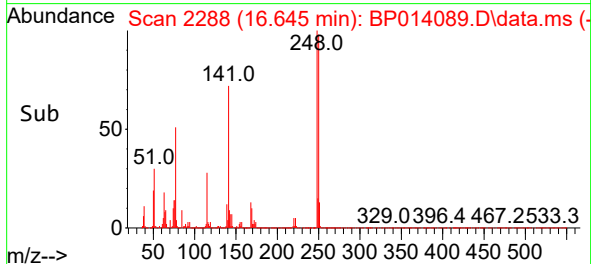
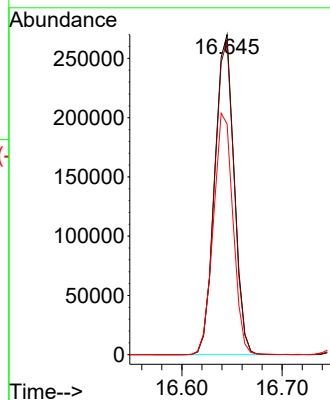
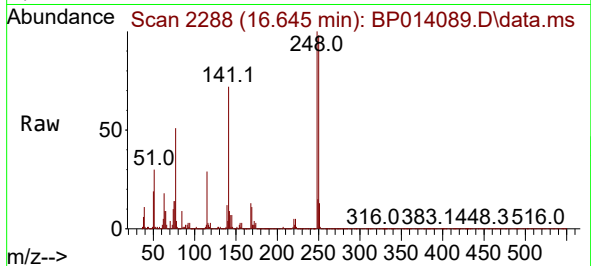




#67
4-Bromophenyl-phenylether
Concen: 44.610 ng
RT: 16.645 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

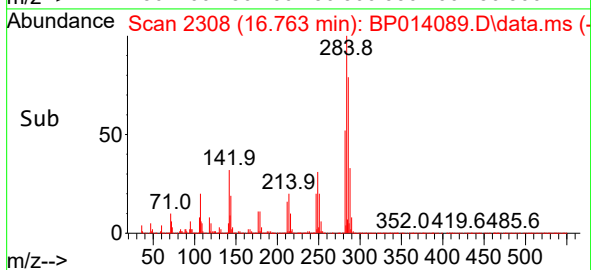
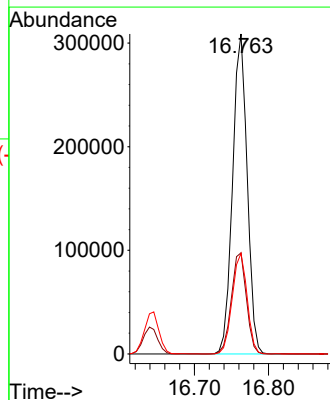
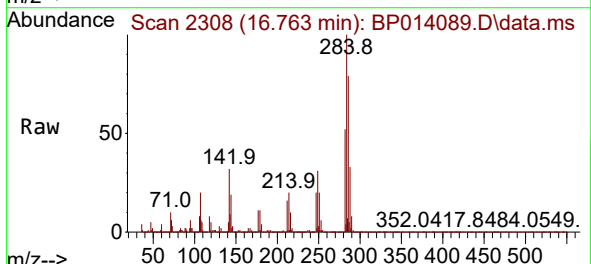
Instrument :
BNA_P
ClientSampleId :
PB151373BS

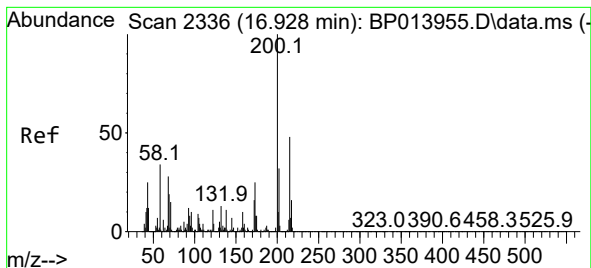
Tgt Ion:248 Resp: 363786
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 72.1 56.0 84.0



#68
Hexachlorobenzene
Concen: 48.200 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:284 Resp: 421322
Ion Ratio Lower Upper
284 100
142 31.6 24.8 37.2
249 31.5 25.7 38.5





#69

Atrazine

Concen: 50.966 ng

RT: 16.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

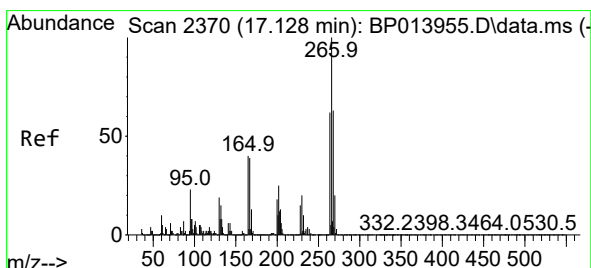
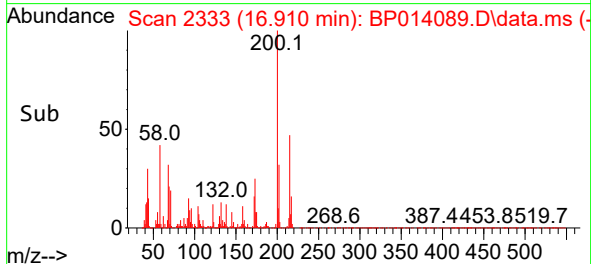
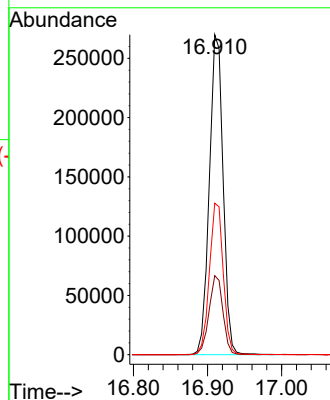
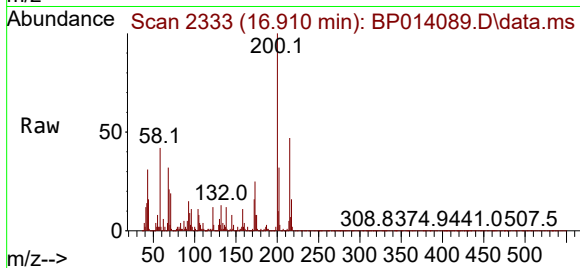
Tgt Ion:200 Resp: 348594

Ion Ratio Lower Upper

200 100

173 24.7 5.5 45.5

215 47.3 27.9 67.9



#70

Pentachlorophenol

Concen: 82.630 ng

RT: 17.110 min Scan# 2367

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

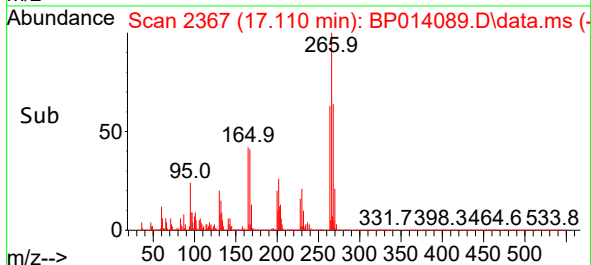
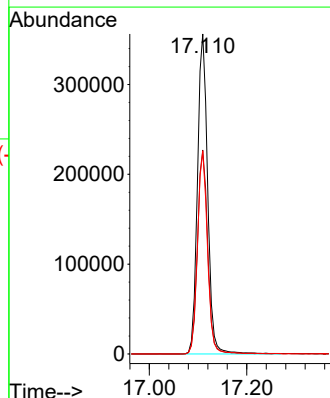
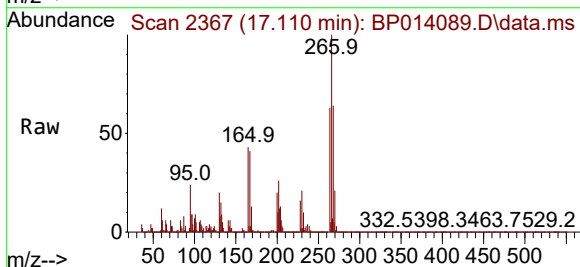
Tgt Ion:266 Resp: 520910

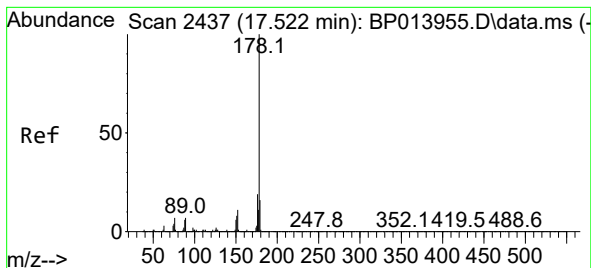
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 63.4 49.2 73.8





#71

Phenanthrene

Concen: 47.570 ng

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

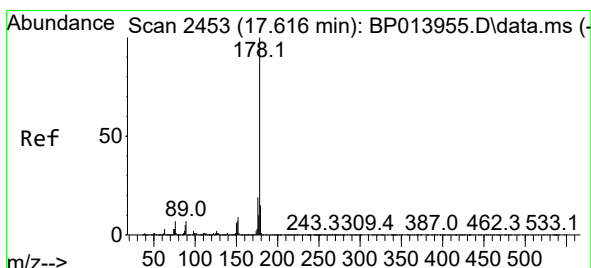
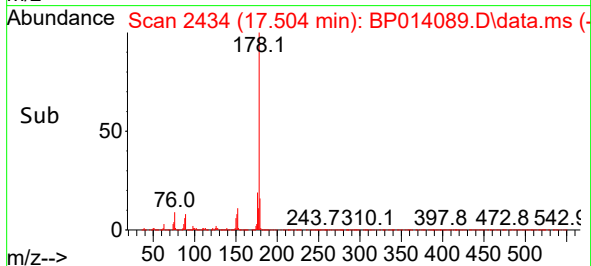
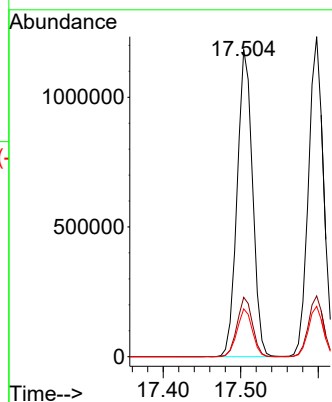
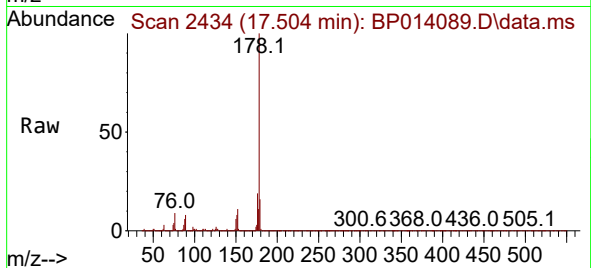
Tgt Ion:178 Resp: 1638388

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.6 19.0



#72

Anthracene

Concen: 47.298 ng

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

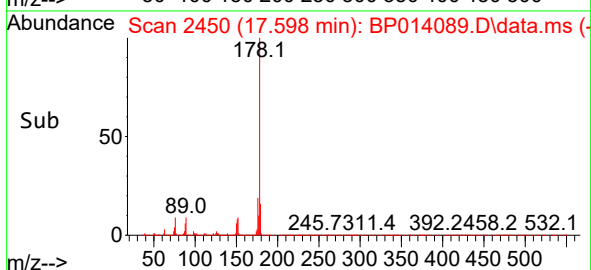
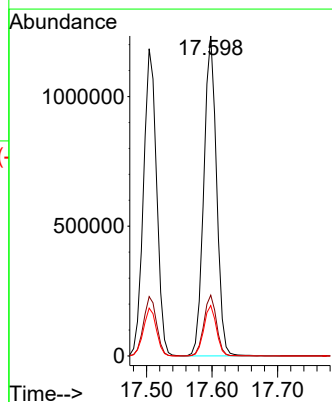
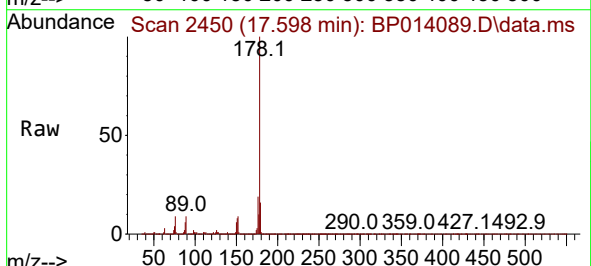
Tgt Ion:178 Resp: 1664494

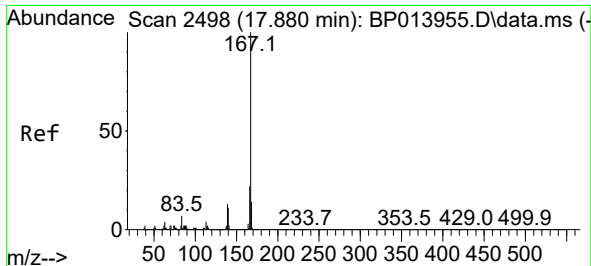
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.7 12.1 18.1

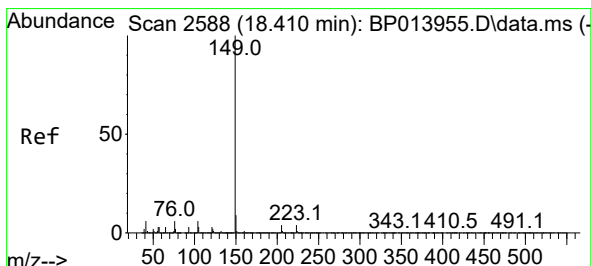
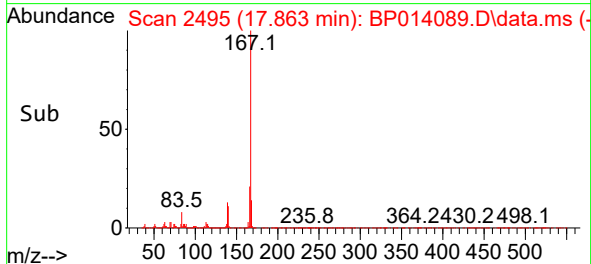
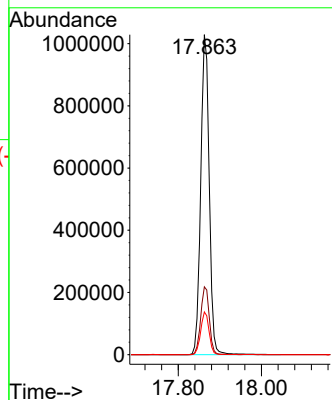
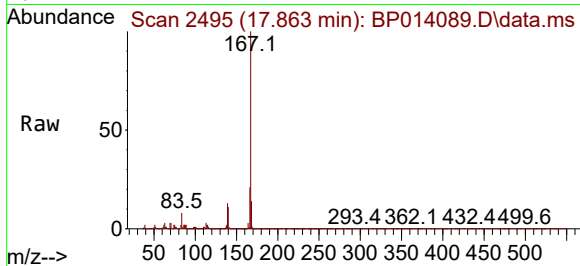




#73
 Carbazole
 Concen: 48.090 ng
 RT: 17.863 min Scan# 2498
 Delta R.T. -0.006 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

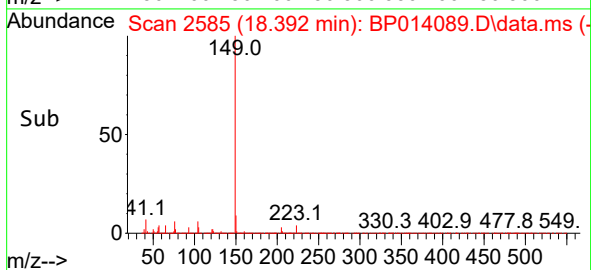
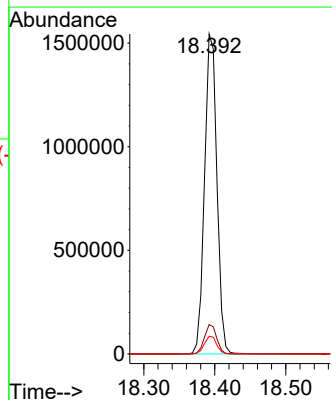
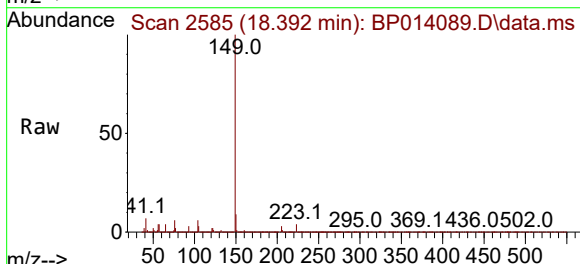
Instrument :
 BNA_P
 ClientSampleId :
 PB151373BS

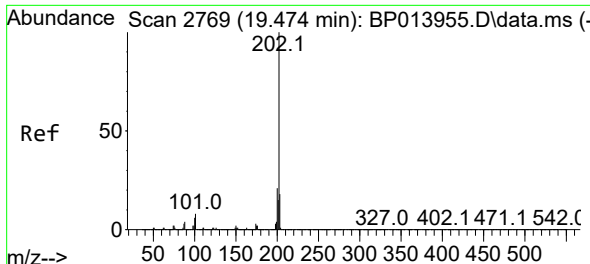
Tgt Ion:167 Resp: 1459824
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 49.280 ng
 RT: 18.392 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

Tgt Ion:149 Resp: 1870382
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.5 4.6 7.0

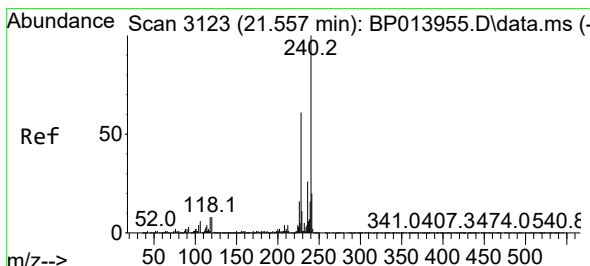
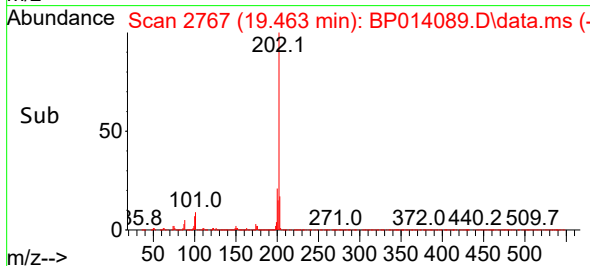
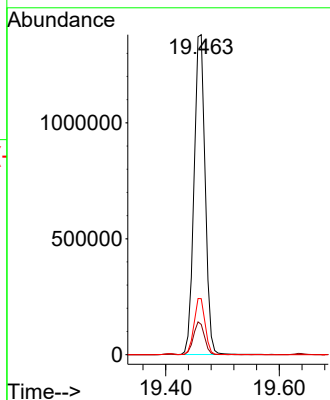
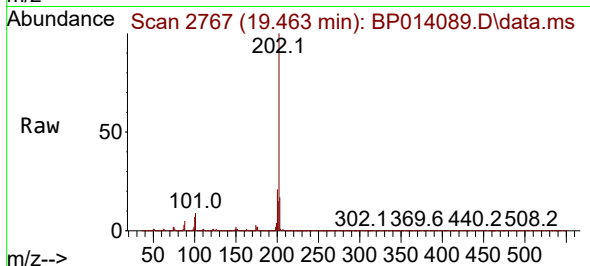




#75
Fluoranthene
Concen: 45.721 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

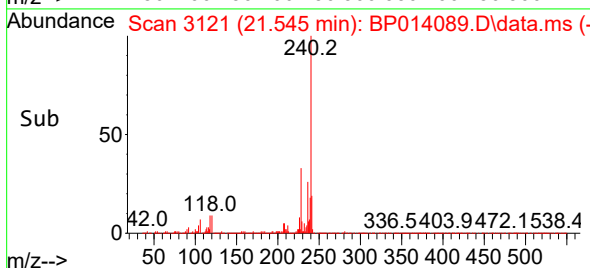
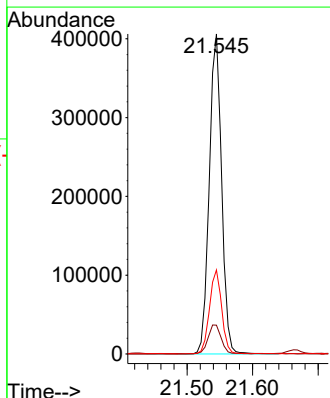
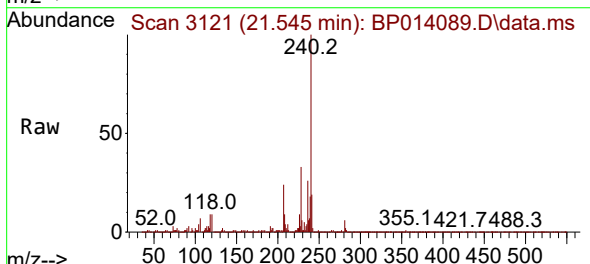
Instrument :
BNA_P
ClientSampleId :
PB151373BS

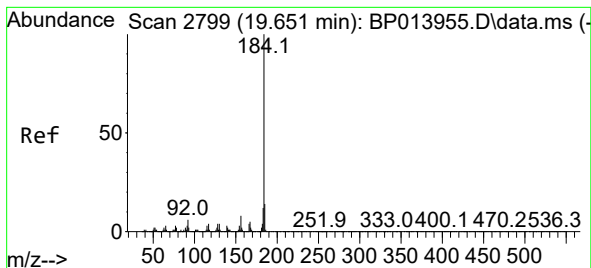
Tgt Ion:202 Resp: 1882176
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.9
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:240 Resp: 531132
Ion Ratio Lower Upper
240 100
120 9.0 6.4 9.6
236 26.2 21.2 31.8





#77

Benzidine

Concen: 85.562 ng

RT: 19.639 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

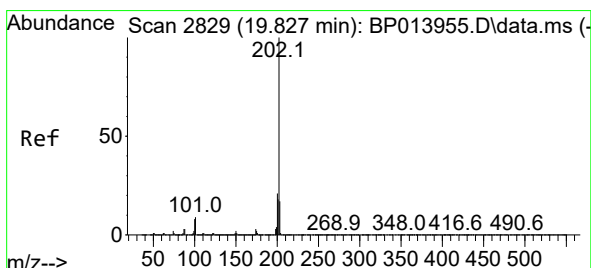
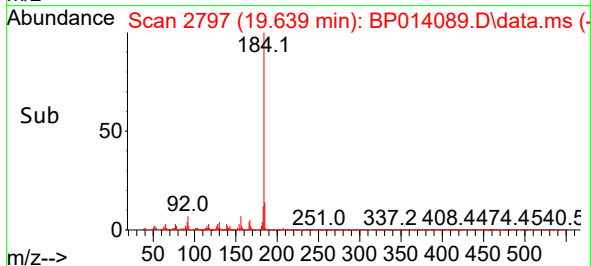
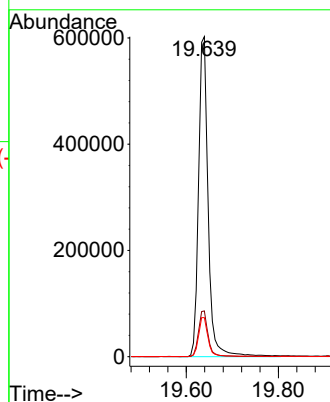
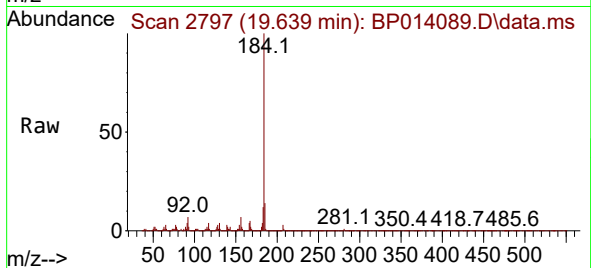
Tgt Ion:184 Resp: 870084

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 12.2 9.7 14.5



#78

Pyrene

Concen: 48.411 ng

RT: 19.810 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

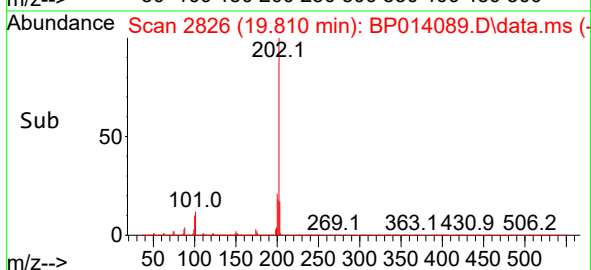
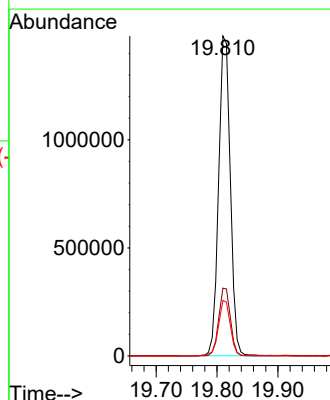
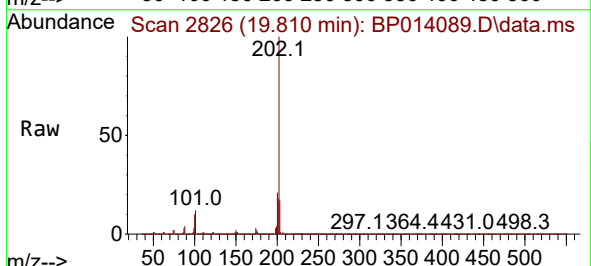
Tgt Ion:202 Resp: 1973535

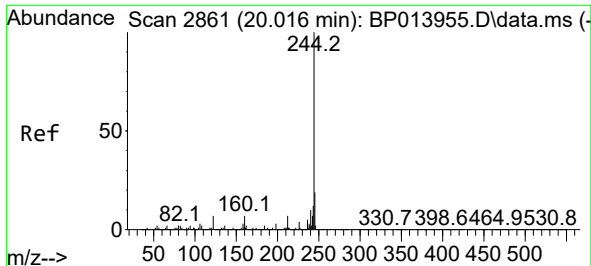
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.3 13.9 20.9

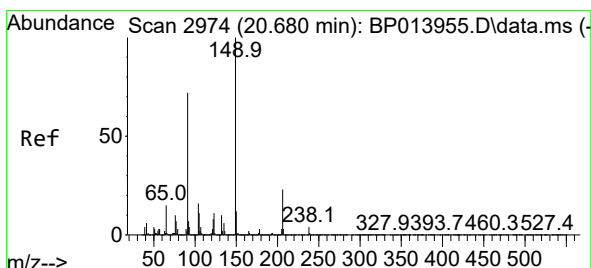
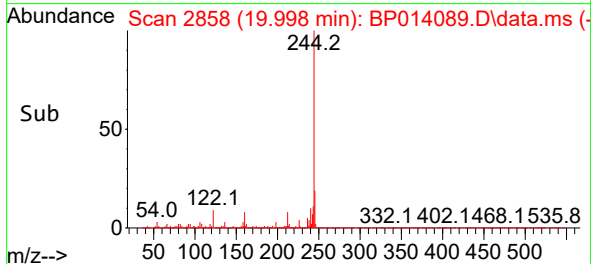
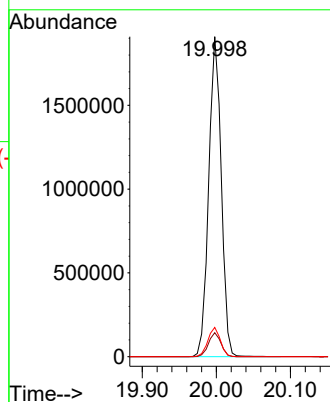
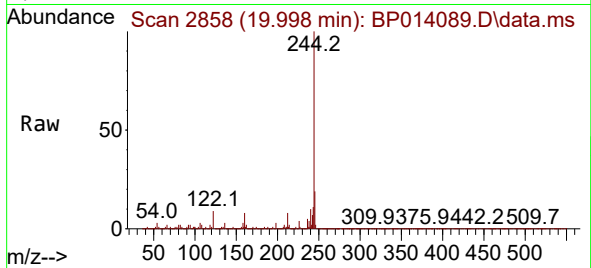




#79
 Terphenyl-d14
 Concen: 69.488 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

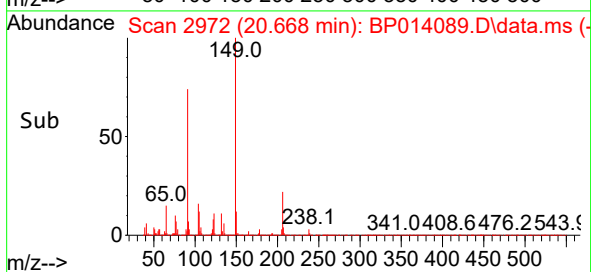
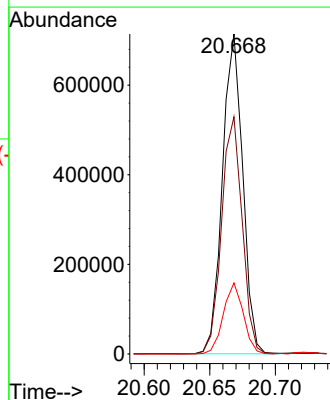
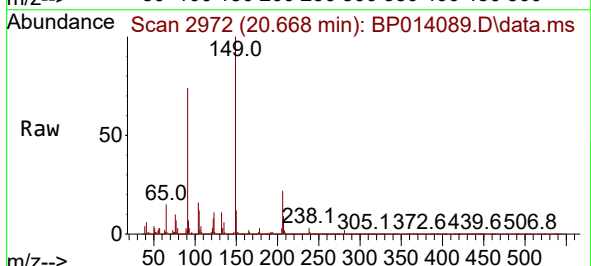
Instrument :
 BNA_P
 ClientSampleId :
 PB151373BS

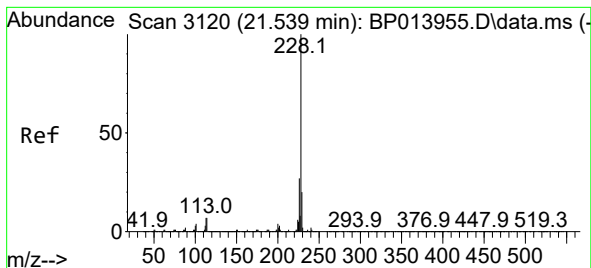
Tgt Ion:244 Resp: 2238246
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.2 5.8 8.6#



#80
 Butylbenzylphthalate
 Concen: 49.639 ng
 RT: 20.668 min Scan# 2972
 Delta R.T. -0.000 min
 Lab File: BP014089.D
 Acq: 14 Mar 2023 18:52

Tgt Ion:149 Resp: 767185
 Ion Ratio Lower Upper
 149 100
 91 74.1 58.0 87.0
 206 22.2 18.7 28.1





#81

Benzo(a)anthracene

Concen: 46.773 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

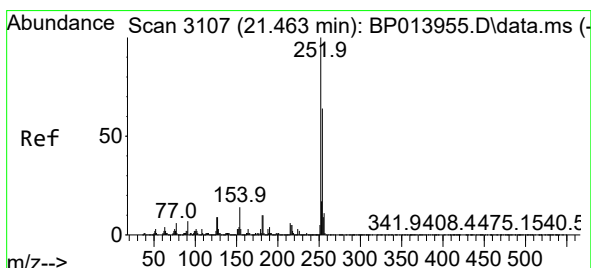
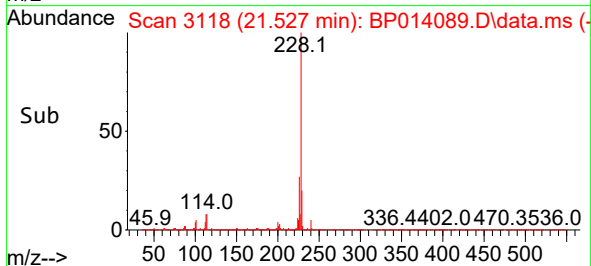
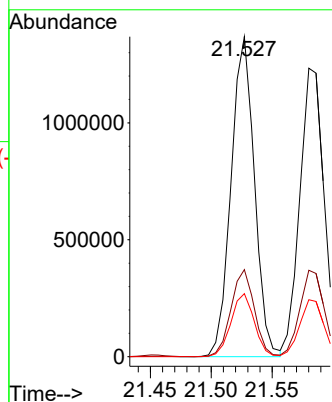
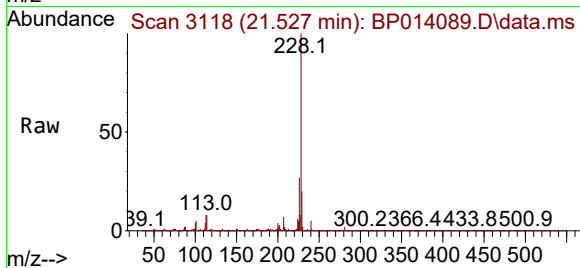
Tgt Ion:228 Resp: 1822806

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.785 ng

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

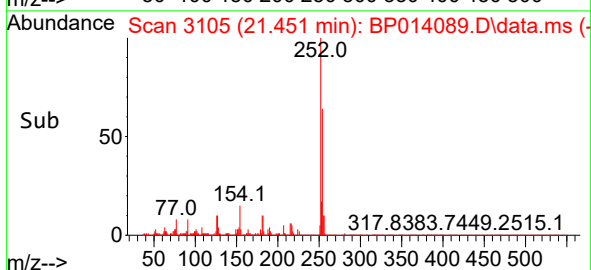
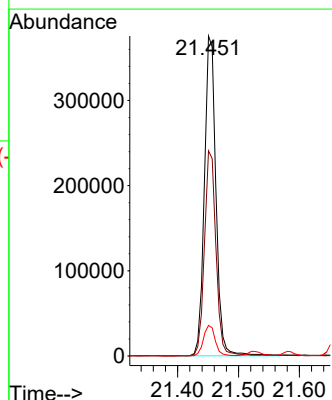
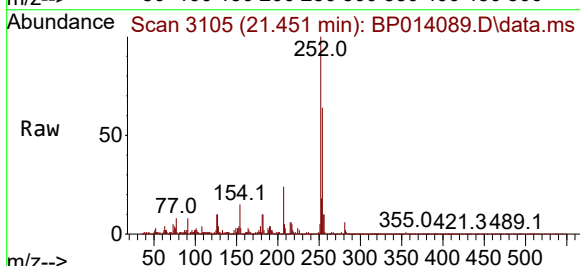
Tgt Ion:252 Resp: 496116

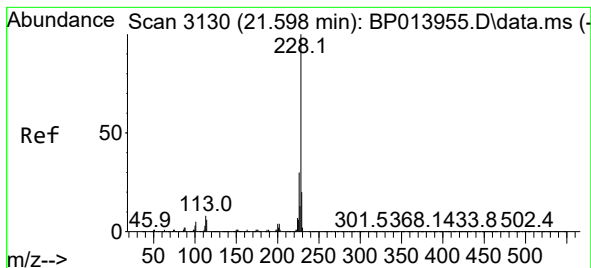
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

126 9.5 7.0 10.6





#83

Chrysene

Concen: 46.409 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

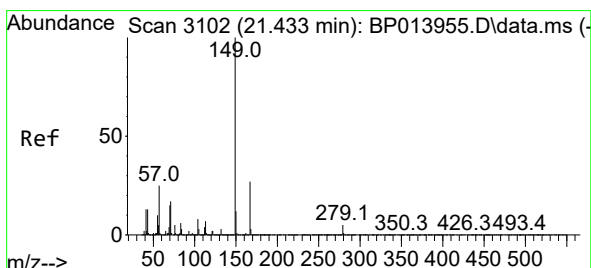
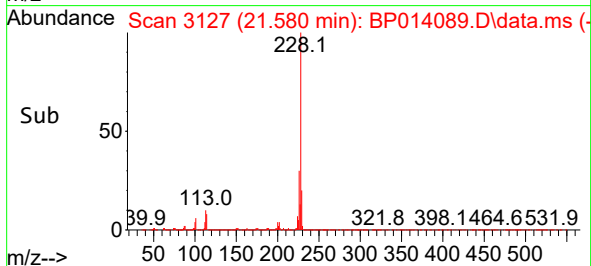
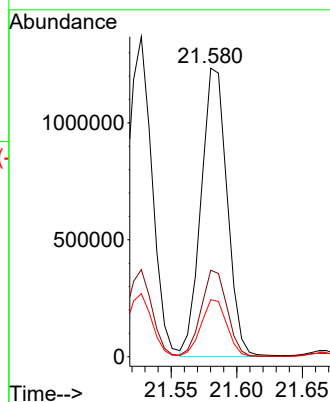
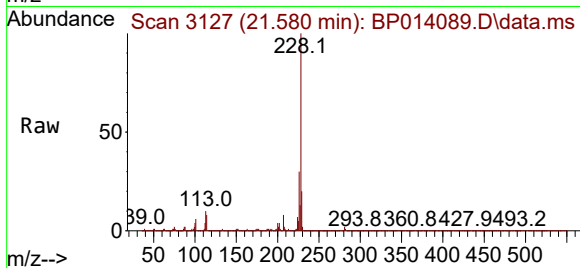
Tgt Ion:228 Resp: 1712758

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.541 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

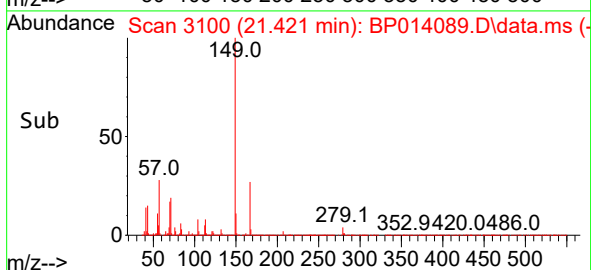
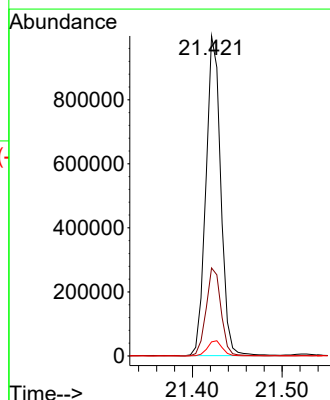
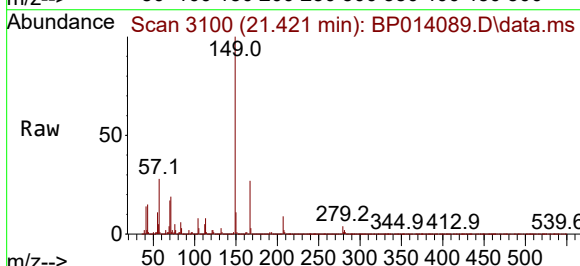
Tgt Ion:149 Resp: 1145936

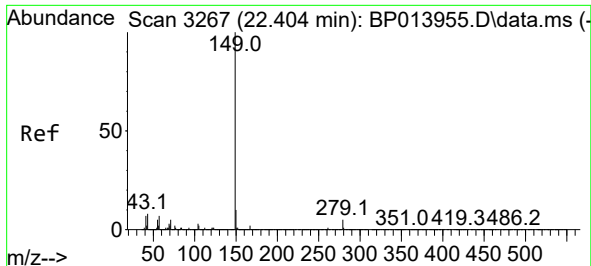
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.4 4.0 6.0

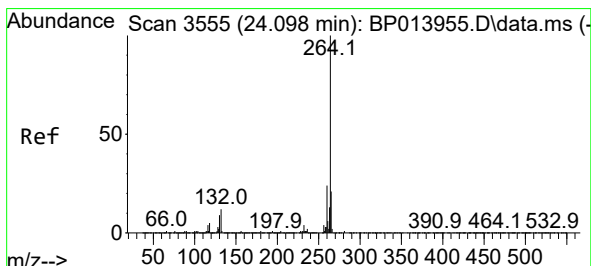
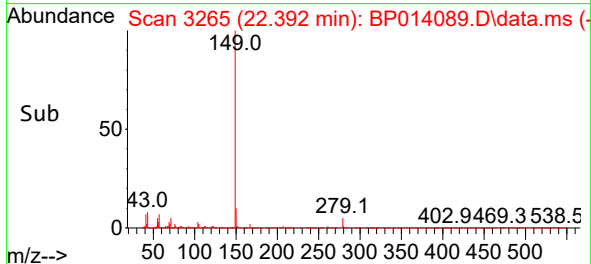
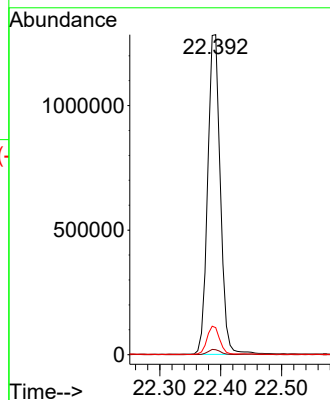
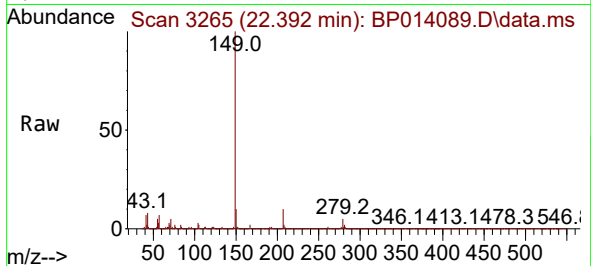




#85
Di-n-octyl phthalate
Concen: 50.351 ng
RT: 22.392 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

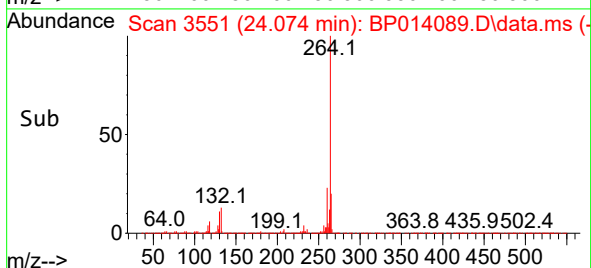
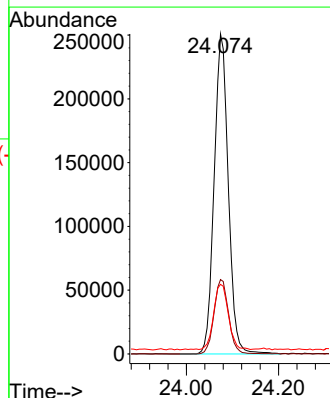
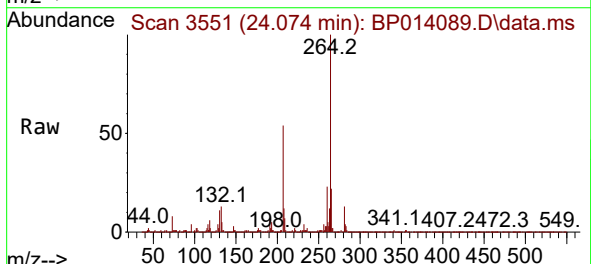
Instrument :
BNA_P
ClientSampleId :
PB151373BS

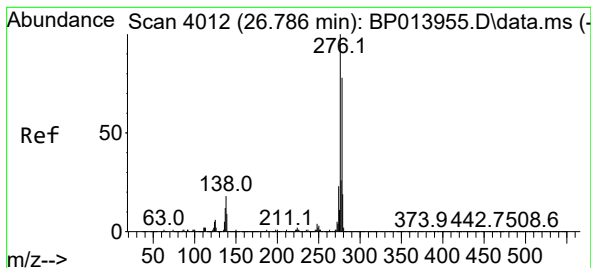
Tgt Ion:149 Resp: 1853140
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.074 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:264 Resp: 533471
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 21.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.685 ng

RT: 26.750 min Scan# 4012

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

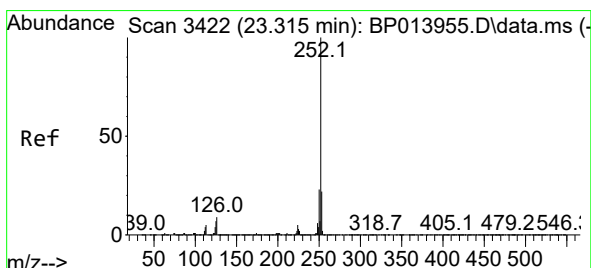
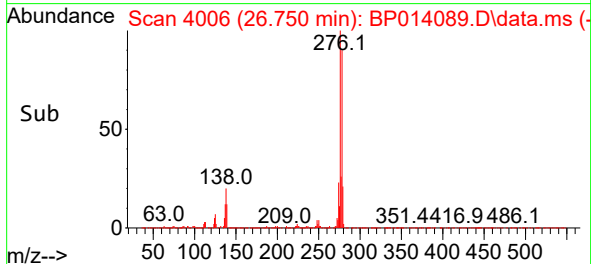
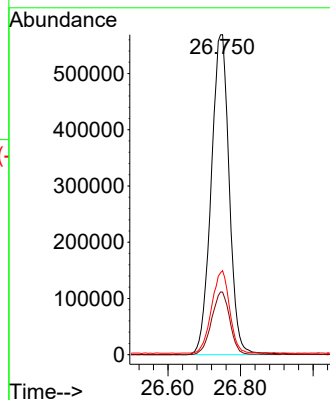
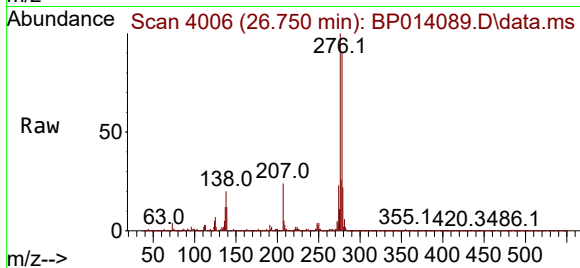
Tgt Ion:276 Resp: 1965580

Ion Ratio Lower Upper

276 100

138 19.8 13.8 20.8

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.792 ng

RT: 23.298 min Scan# 3419

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

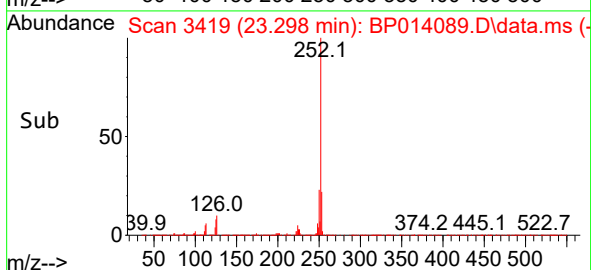
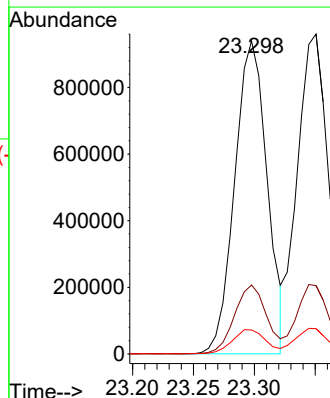
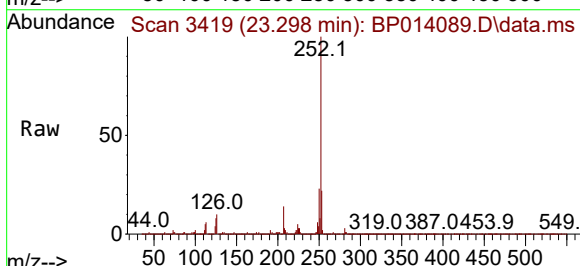
Tgt Ion:252 Resp: 1739342

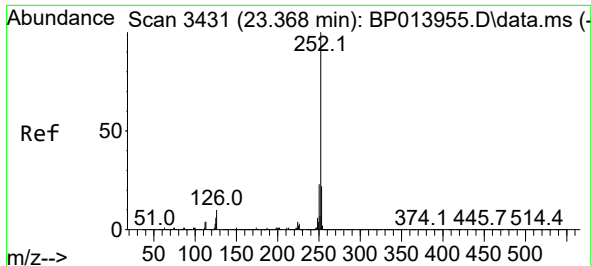
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.7 5.6 8.4

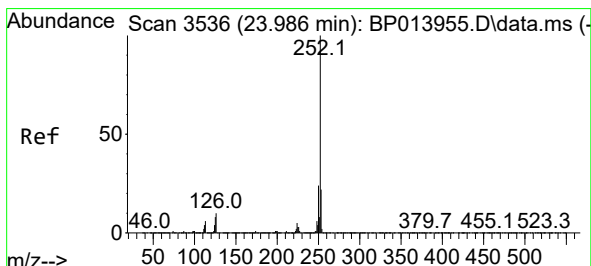
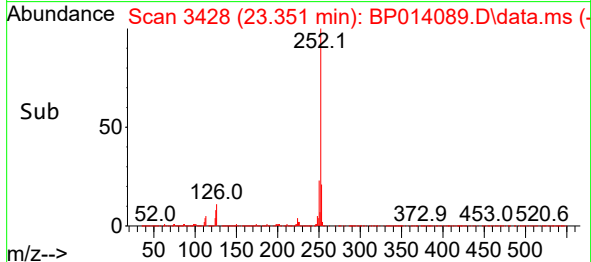
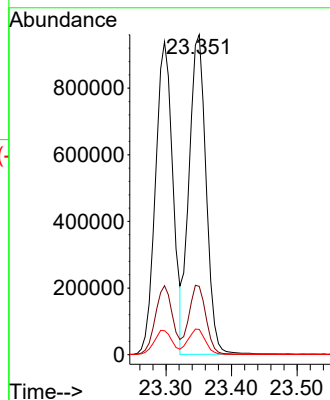
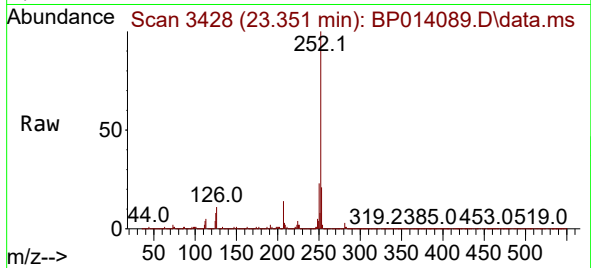




#89
Benzo(k)fluoranthene
Concen: 49.909 ng
RT: 23.351 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

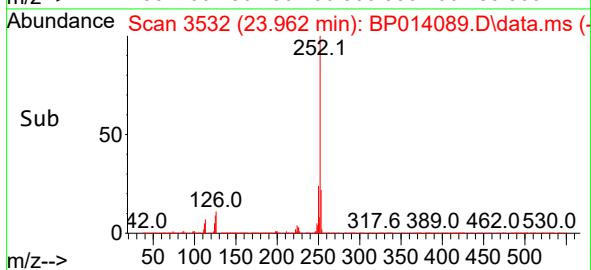
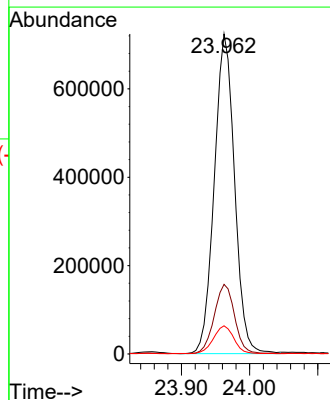
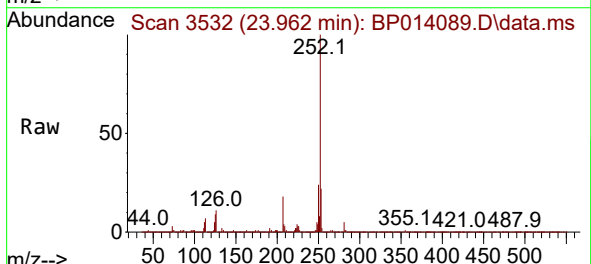
Instrument :
BNA_P
ClientSampleId :
PB151373BS

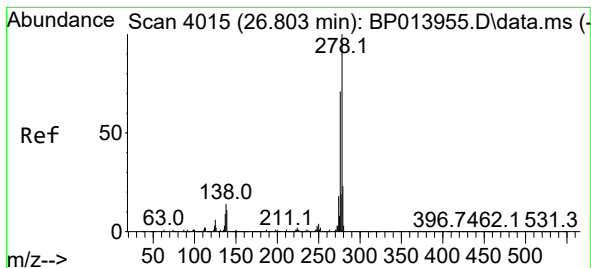
Tgt Ion:252 Resp: 1728555
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 7.9 5.4 8.0



#90
Benzo(a)pyrene
Concen: 44.867 ng
RT: 23.962 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BP014089.D
Acq: 14 Mar 2023 18:52

Tgt Ion:252 Resp: 1494933
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.8 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 47.660 ng

RT: 26.762 min Scan# 4015

Delta R.T. -0.000 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Instrument :

BNA_P

ClientSampleId :

PB151373BS

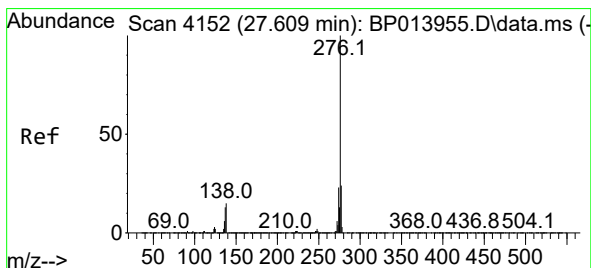
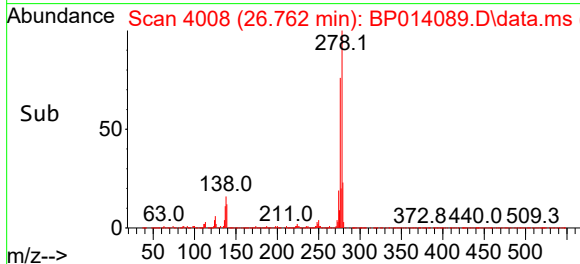
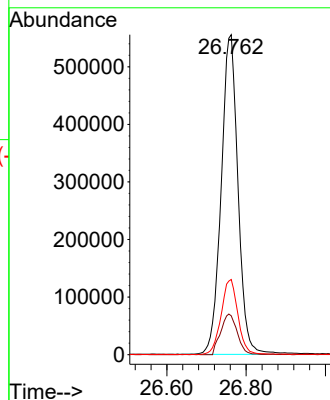
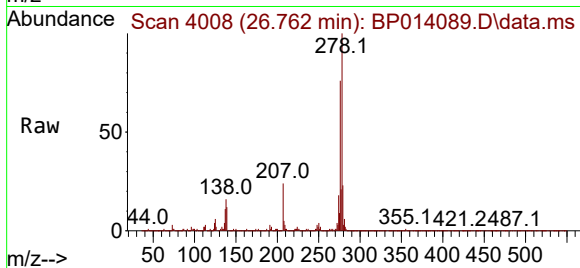
Tgt Ion:278 Resp: 1633220

Ion Ratio Lower Upper

278 100

139 12.1 8.7 13.1

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 47.232 ng

RT: 27.562 min Scan# 4144

Delta R.T. -0.006 min

Lab File: BP014089.D

Acq: 14 Mar 2023 18:52

Tgt Ion:276 Resp: 1604021

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 17.2 12.2 18.4

