

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014962.D
 Acq On : 04 May 2023 20:34
 Operator : CG/JU
 Sample : 02447-18MS 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

Quant Time: May 05 00:19:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	320706	20.000	ng/u1	0.00
20) Naphthalene-d8	10.998	136	1200881	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	587873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1031583	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1055103	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1312066	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2103	0.244	ng/uL	0.00
4) Pyridine-d5	3.899	84	490	0.021	ng/u1	0.00
7) Phenol-d5	7.310	99	32101	1.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	21742	1.265	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	27747	1.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	23370	1.091	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	11657	1.365	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	11102	1.266	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	23775	1.381	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	14636	0.588	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	62045	1.491	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	69594	1.395	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	3074	0.425	ng/u1	0.00
60) Fluorene-d10	15.798	176	51899	1.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2407	0.414	ng/u1	0.00
73) Anthracene-d10	17.663	188	71636	1.546	ng/u1	0.00
81) Pyrene-d10	19.880	212	89518	1.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	98987	1.548	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.293	77	32328	4.253	ng/u1	96
8) Phenol	7.334	94	54472	1.866	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.575	93	43773	1.804	ng/u1	97
12) 2-Chlorophenol	7.722	128	41318	1.866	ng/u1	99
13) 2-Methylphenol	8.604	108	37551	1.725	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.693	45	54736	1.779	ng/u1	96
16) Acetophenone	8.999	105	66201	1.890	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.975	70	29269	1.639	ng/u1	99
18) 4-Methylphenol	8.934	108	39765	1.653	ng/u1	92
19) Hexachloroethane	9.263	117	17857	1.858	ng/u1	94
22) Nitrobenzene	9.381	77	41569	1.852	ng/u1	96
23) Isophorone	9.910	82	80528	1.816	ng/u1	100
25) 2-Nitrophenol	10.104	139	16680	1.654	ng/u1	96
26) 2,4-Dimethylphenol	10.157	107	39960	1.826	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.398	93	50794	1.791	ng/u1	99
29) 2,4-Dichlorophenol	10.640	162	33475	1.879	ng/u1	99
30) Naphthalene	11.051	128	191968	2.908	ng/u1	99
33) Hexachlorobutadiene	11.334	225	25199	2.193	ng/u1	95
34) Caprolactam	11.922	113	6962	1.269	ng/u1	98
35) 4-Chloro-3-methylphenol	12.263	107	30865	1.686	ng/u1	94
36) 2-Methylnaphthalene	12.645	142	98777	2.420	ng/u1	100
37) 1-Methylnaphthalene	12.863	142	104135	2.475	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	13.010	216	41182	2.246	ng/u1	98
41) 2,4,6-Trichlorophenol	13.245	196	22799	2.018	ng/u1	96

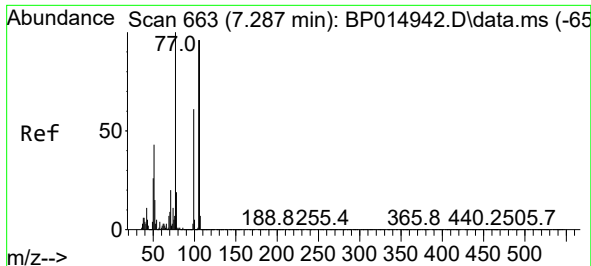
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014962.D
 Acq On : 04 May 2023 20:34
 Operator : CG/JU
 Sample : 02447-18MS 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

Quant Time: May 05 00:19:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	13.316	196	21507	1.766	ng/ul	84
43) 1,1'-Biphenyl	13.645	154	105787	2.251	ng/ul	98
44) 2-Chloronaphthalene	13.687	162	74172	2.026	ng/ul	99
45) 2-Nitroaniline	13.887	65	14164	1.661	ng/ul	91
47) Dimethylphthalate	14.251	163	87876	2.009	ng/ul	99
48) 2,6-Dinitrotoluene	14.375	165	11901	1.539	ng/ul#	80
50) Acenaphthylene	14.534	152	243230	4.300	ng/ul	99
51) 3-Nitroaniline	14.710	138	8929	1.276	ng/ul#	95
52) Acenaphthene	14.869	153	182993	4.674	ng/ul	99
56) Dibenzofuran	15.204	168	188908	3.576	ng/ul	100
57) 2,4-Dinitrotoluene	15.163	165	14241	1.315	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.428	232	17026	1.718	ng/ul	94
59) Diethylphthalate	15.610	149	78623	1.902	ng/ul	99
61) Fluorene	15.851	166	200004	4.800	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	40553	1.989	ng/ul	94
63) 4-Nitroaniline	15.863	138	9259	1.586	ng/ul	92
67) N-Nitrosodiphenylamine	16.057	169	66502	2.124	ng/ul	96
68) 4-Bromophenyl-phenylether	16.739	248	23029	2.146	ng/ul	94
69) Hexachlorobenzene	16.863	284	27334	2.162	ng/ul	99
70) Atrazine	17.004	200	19677	1.868	ng/ul	92
71) Pentachlorophenol	17.210	266	9715	1.317	ng/ul	96
72) Phenanthrene	17.604	178	2359561	41.403	ng/ul	99
74) Anthracene	17.698	178	718356	12.661	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	40139	2.351	ng/uL	94
76) Pentachlorobenzene	15.122	250	34866	2.146	ng/uL	100
77) Carbazole	17.957	167	265661	5.567	ng/ul	99
78) Di-n-butylphthalate	18.492	149	120232	2.253	ng/ul	98
80) Fluoranthene	19.557	202	4775443	54.689	ng/ul	99
82) Pyrene	19.910	202	4370542	47.242	ng/ul	98
83) Butylbenzylphthalate	20.757	149	58719	2.114	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	44254	2.492	ng/ul#	96
85) Benzo(a)anthracene	21.627	228	2726770	38.719	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	102773	2.941	ng/ul	96
87) Chrysene	21.686	228	2545292	35.894	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	174749	2.281	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	3300164	38.919	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	1197690	13.878	ng/ul	98
93) Benzo(a)pyrene	24.127	252	2540518	34.162	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.003	276	1855976	20.460	ng/ul	95
95) Dibenzo(a,h)anthracene	27.009	278	598635	8.052	ng/ul	97
96) Benzo(g,h,i)perylene	27.850	276	1584657	20.525	ng/ul	97

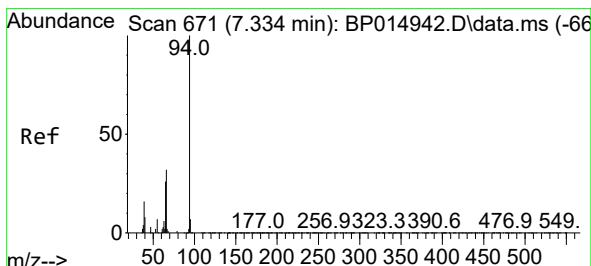
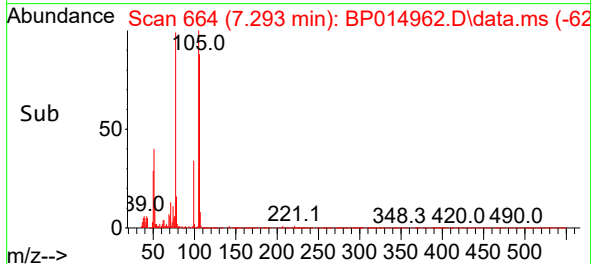
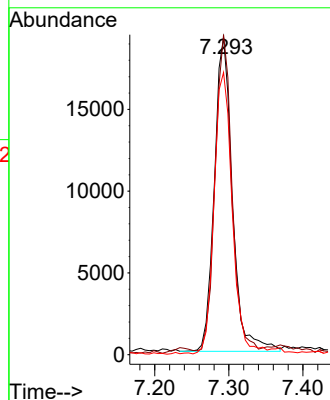
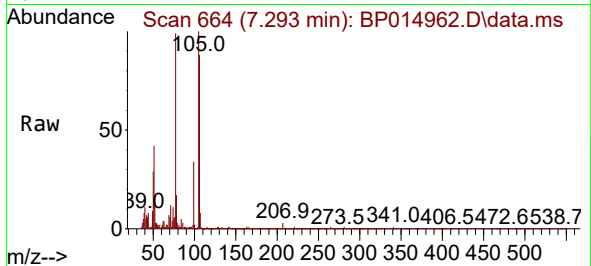
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Benzaldehyde
Concen: 4.253 ng/ul
RT: 7.293 min Scan# 663
Delta R.T. 0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

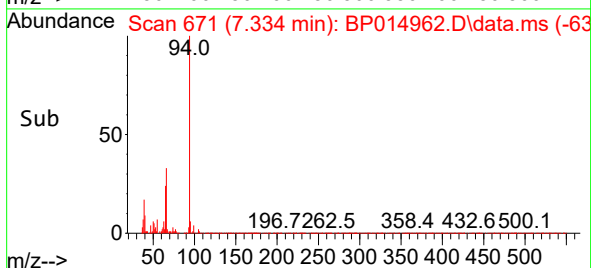
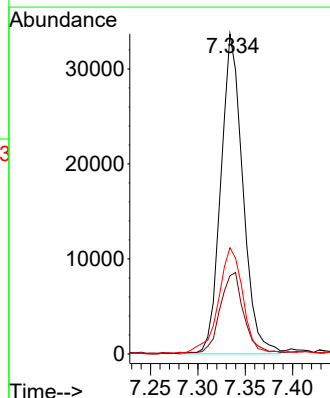
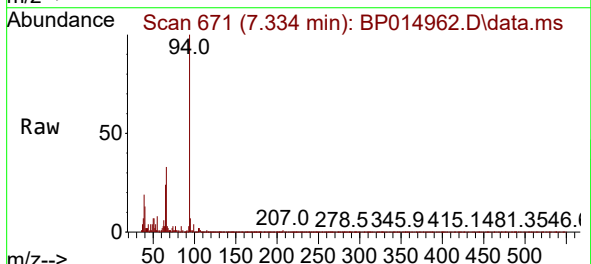
Instrument :
BNA_P
ClientSampleId :
EW937MS

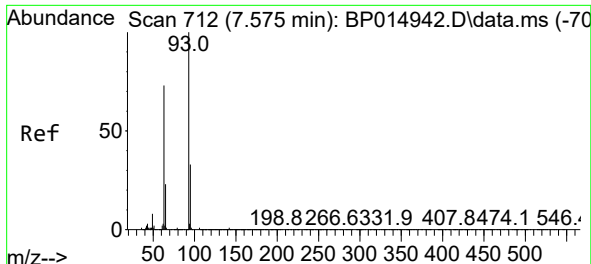
Tgt Ion: 77 Resp: 32328
Ion Ratio Lower Upper
77 100
105 100.9 80.7 121.1
106 89.0 77.6 116.4



#8
Phenol
Concen: 1.866 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion: 94 Resp: 54472
Ion Ratio Lower Upper
94 100
65 24.5 21.4 32.0
66 33.2 25.8 38.8

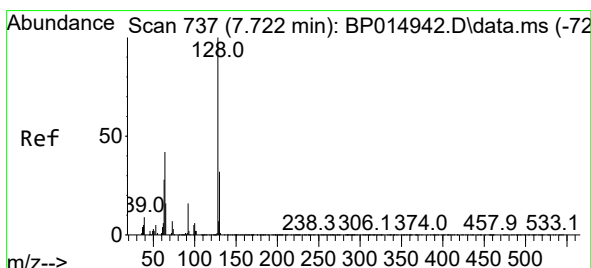
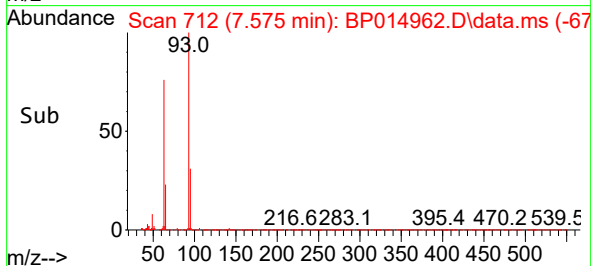
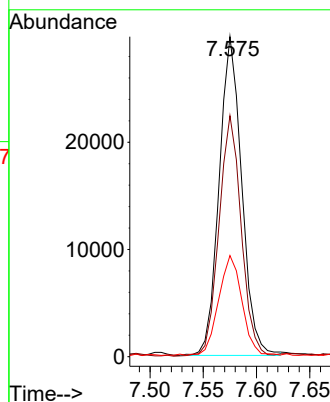
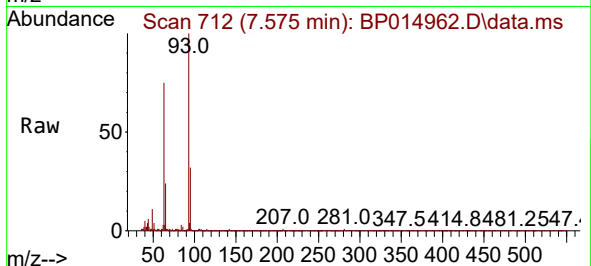




#10
Bis(2-Chloroethyl)ether
Concen: 1.804 ng/ul
RT: 7.575 min Scan# 712
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

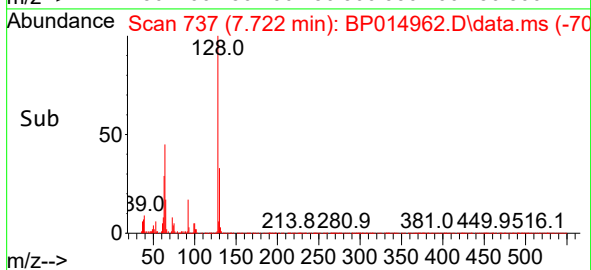
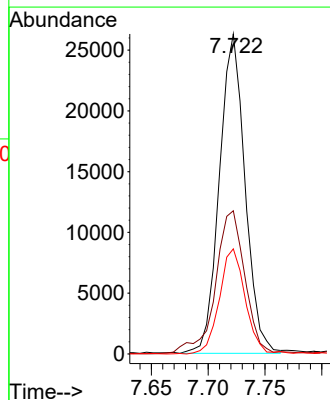
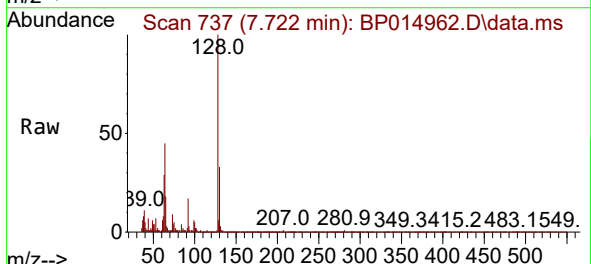
Instrument :
BNA_P
ClientSampleId :
EW937MS

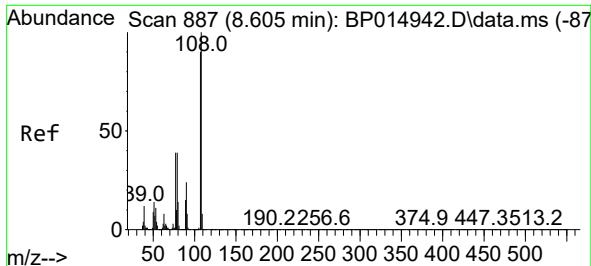
Tgt Ion: 93 Resp: 43773
Ion Ratio Lower Upper
93 100
63 75.3 58.1 87.1
95 31.6 26.0 39.0



#12
2-Chlorophenol
Concen: 1.866 ng/ul
RT: 7.722 min Scan# 737
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:128 Resp: 41318
Ion Ratio Lower Upper
128 100
64 44.8 36.6 55.0
130 32.8 25.8 38.8

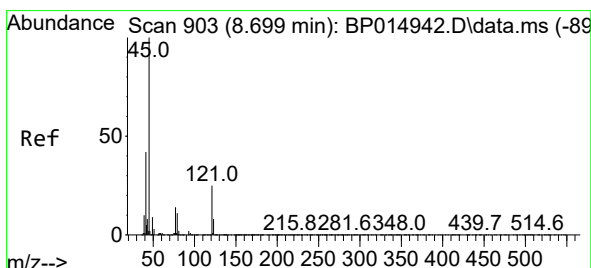
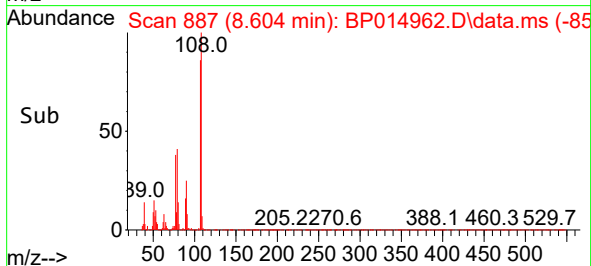
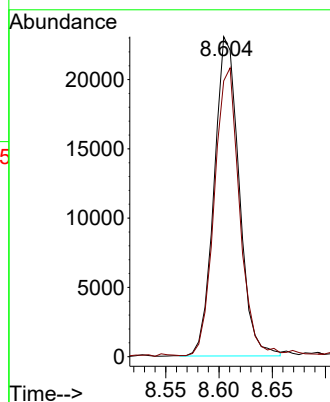
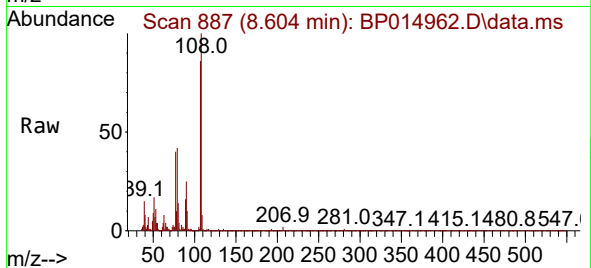




#13
2-Methylphenol
Concen: 1.725 ng/ul
RT: 8.604 min Scan# 887
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

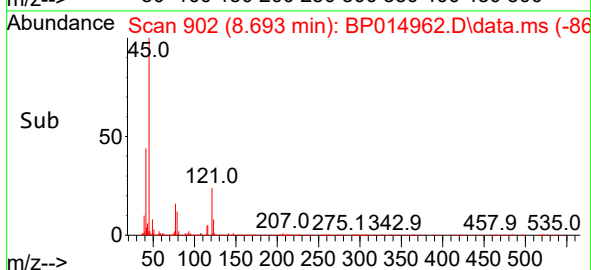
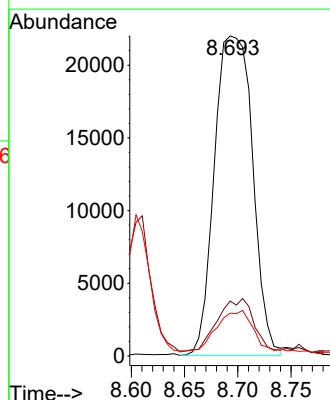
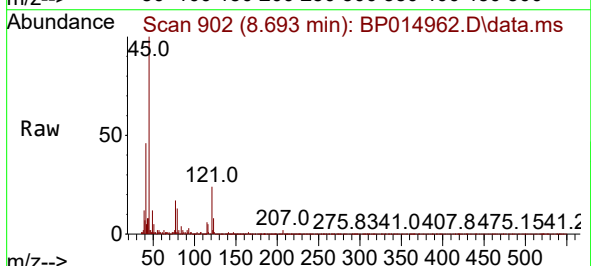
Instrument :
BNA_P
ClientSampleId :
EW937MS

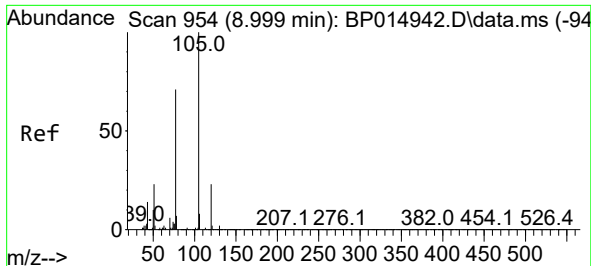
Tgt Ion:108 Resp: 37551
Ion Ratio Lower Upper
108 100
107 86.2 71.7 107.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 1.779 ng/ul
RT: 8.693 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion: 45 Resp: 54736
Ion Ratio Lower Upper
45 100
77 17.1 12.3 18.5
79 13.4 9.5 14.3

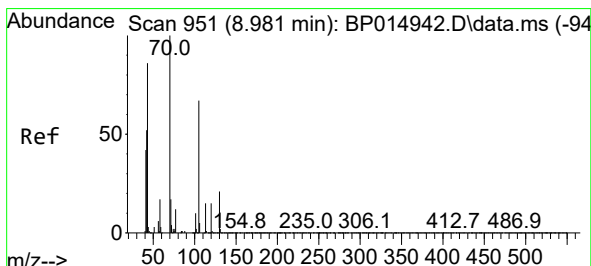
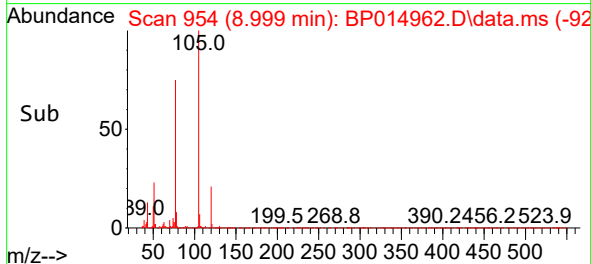
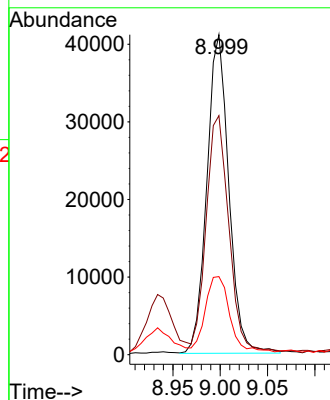
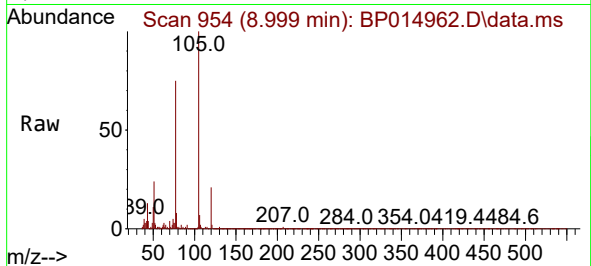




#16
Acetophenone
Concen: 1.890 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

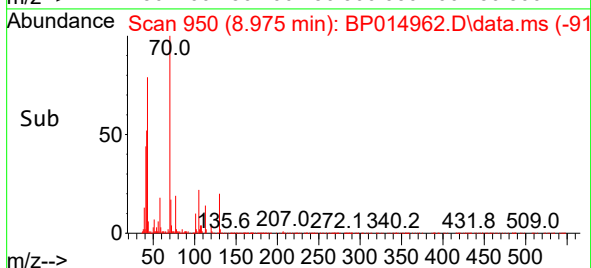
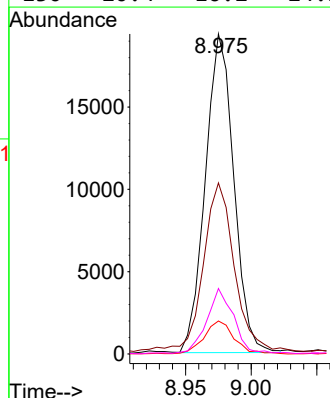
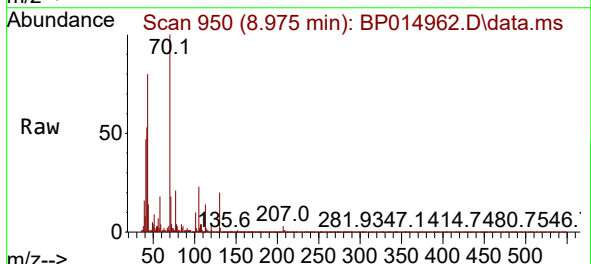
Instrument :
BNA_P
ClientSampleId :
EW937MS

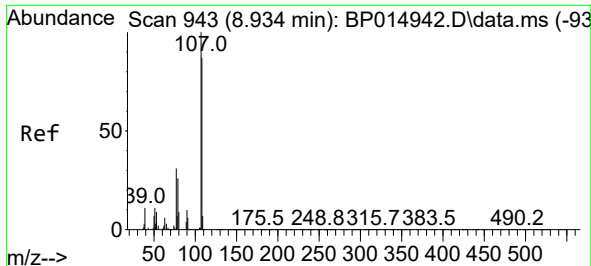
Tgt Ion:105 Resp: 66201
Ion Ratio Lower Upper
105 100
77 74.7 61.2 91.8
51 24.4 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 1.639 ng/ul
RT: 8.975 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion: 70 Resp: 29269
Ion Ratio Lower Upper
70 100
42 53.4 41.9 62.9
101 10.3 7.7 11.5
130 20.4 16.2 24.2

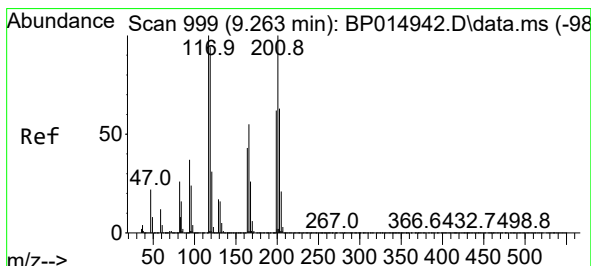
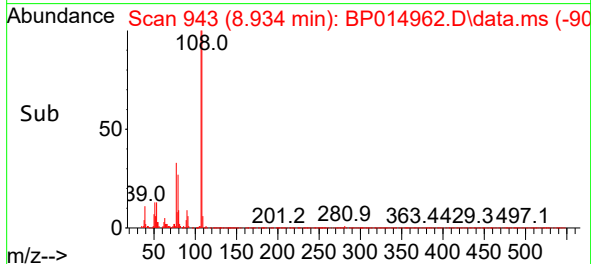
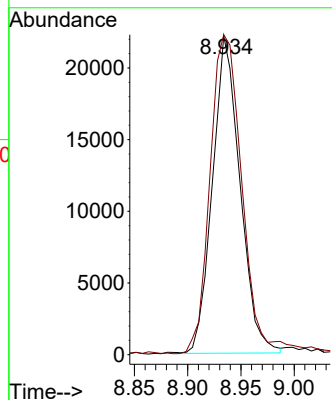
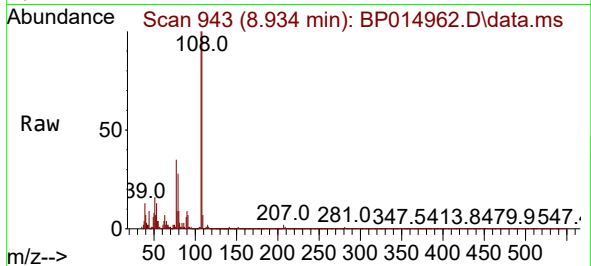




#18
4-Methylphenol
Concen: 1.653 ng/ul
RT: 8.934 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

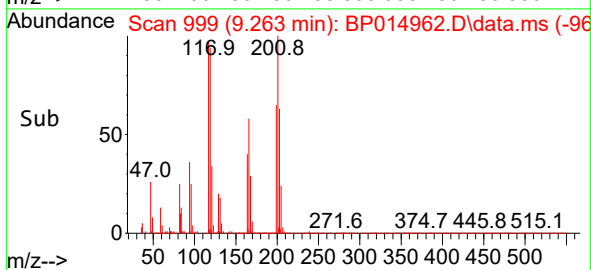
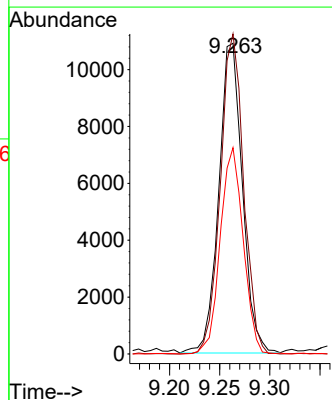
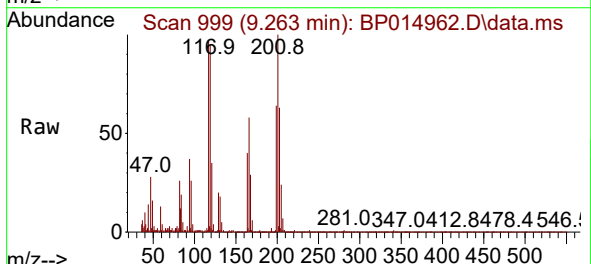
Instrument :
BNA_P
ClientSampleId :
EW937MS

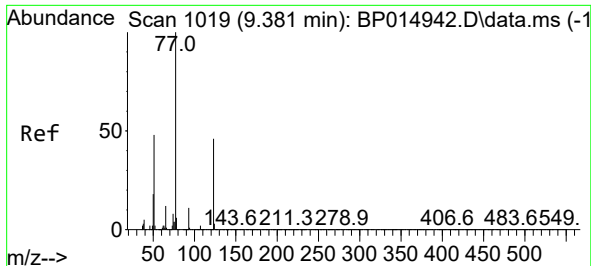
Tgt Ion:108 Resp: 39765
Ion Ratio Lower Upper
108 100
107 100.4 87.2 130.8



#19
Hexachloroethane
Concen: 1.858 ng/ul
RT: 9.263 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:117 Resp: 17857
Ion Ratio Lower Upper
117 100
201 103.0 78.9 118.3
199 66.4 48.3 72.5

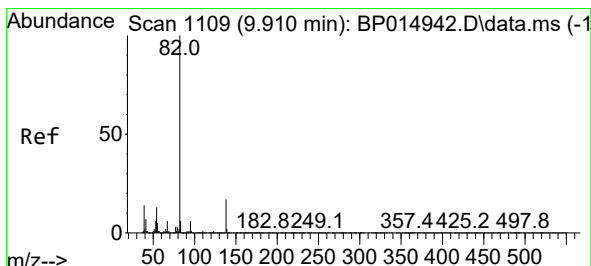
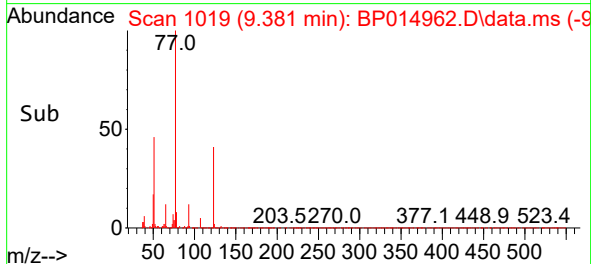
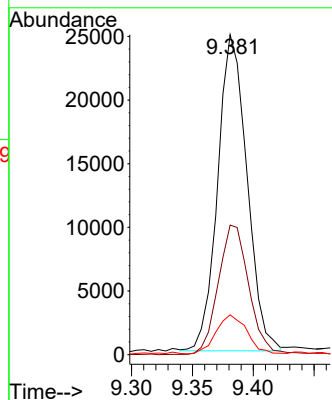
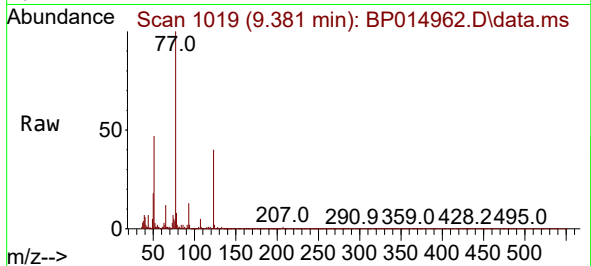




#22
Nitrobenzene
Concen: 1.852 ng/ul
RT: 9.381 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

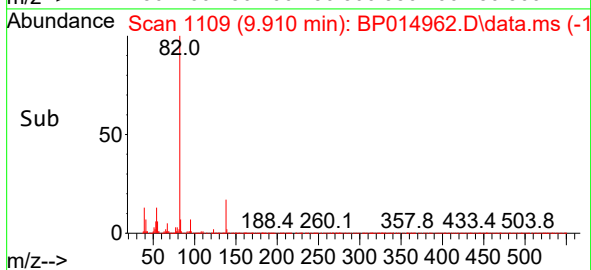
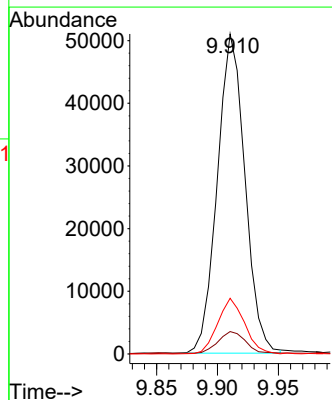
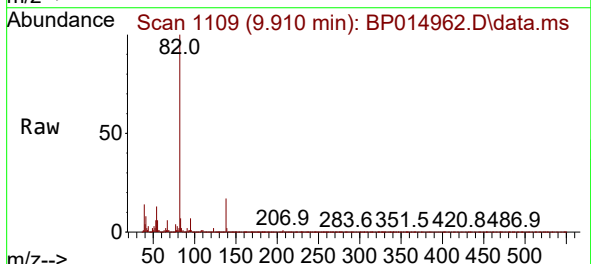
Instrument :
BNA_P
ClientSampleId :
EW937MS

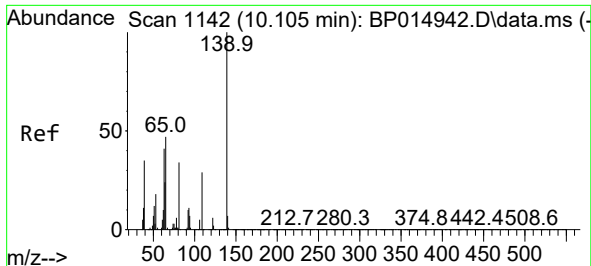
Tgt Ion: 77 Resp: 41569
Ion Ratio Lower Upper
77 100
123 40.5 34.8 52.2
65 12.5 10.2 15.2



#23
Isophorone
Concen: 1.816 ng/ul
RT: 9.910 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion: 82 Resp: 80528
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 17.4 13.9 20.9

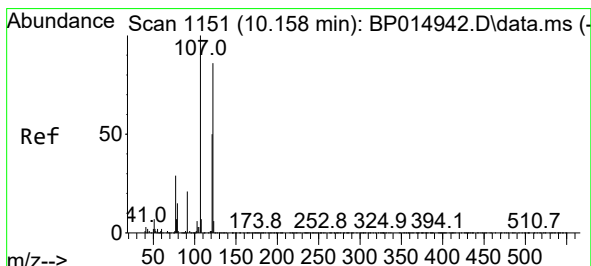
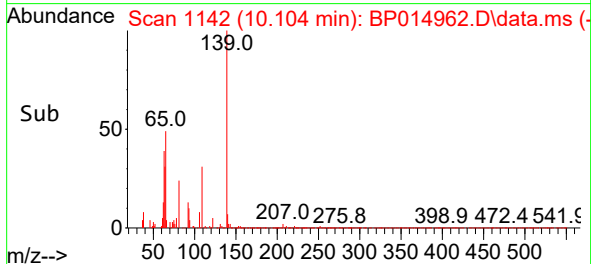
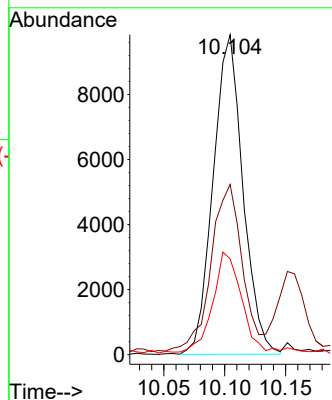
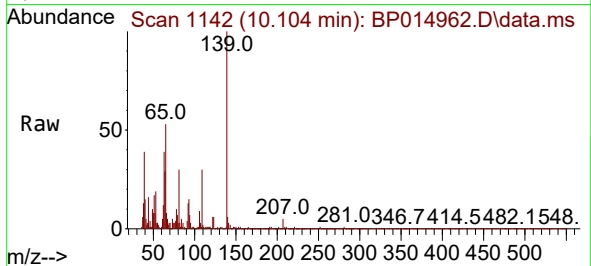




#25
2-Nitrophenol
Concen: 1.654 ng/ul
RT: 10.104 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

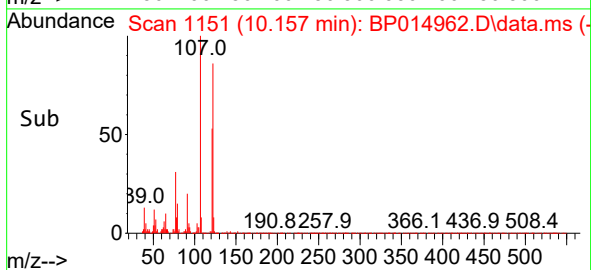
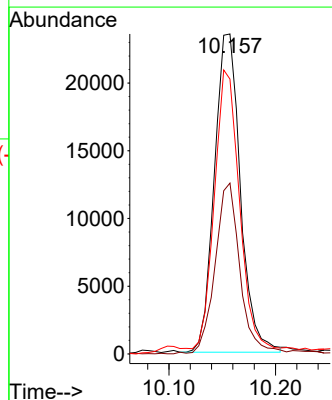
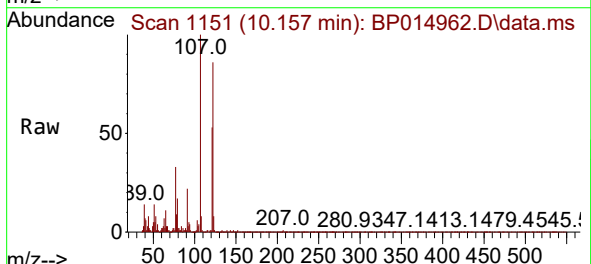
Instrument :
BNA_P
ClientSampleId :
EW937MS

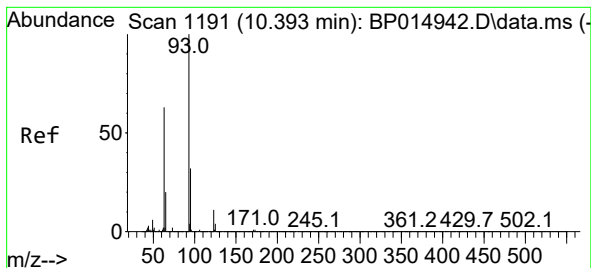
Tgt Ion:139 Resp: 16680
Ion Ratio Lower Upper
139 100
65 53.2 40.5 60.7
109 30.0 22.4 33.6



#26
2,4-Dimethylphenol
Concen: 1.826 ng/ul
RT: 10.157 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:107 Resp: 39960
Ion Ratio Lower Upper
107 100
121 53.4 40.2 60.2
122 85.9 69.6 104.4





#27

Bis(2-Chloroethoxy)methane

Concen: 1.791 ng/ul

RT: 10.398 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

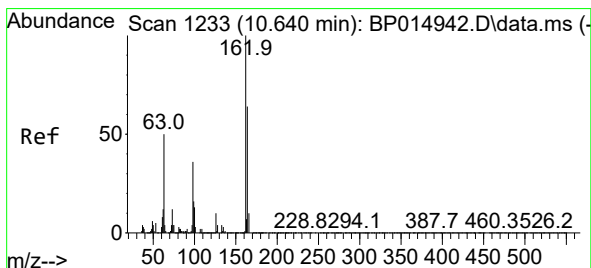
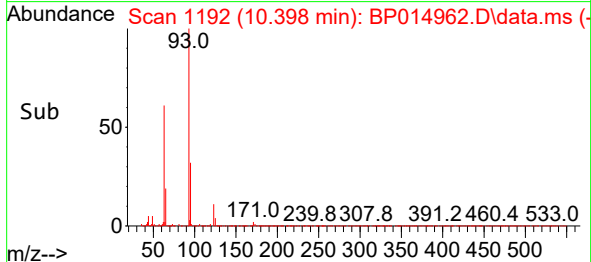
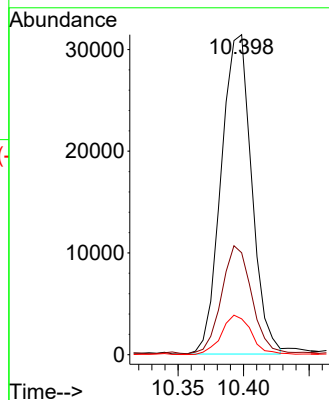
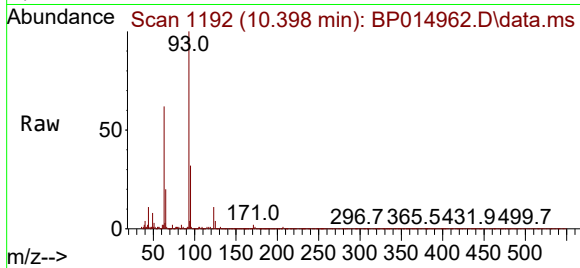
Tgt Ion: 93 Resp: 50794

Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 11.2 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 1.879 ng/ul

RT: 10.640 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

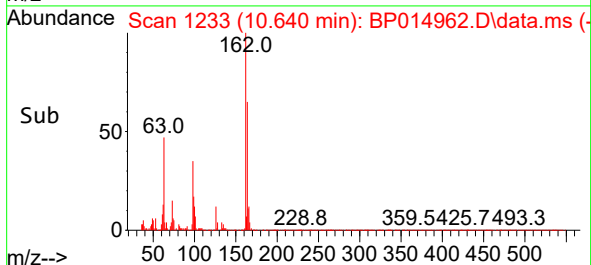
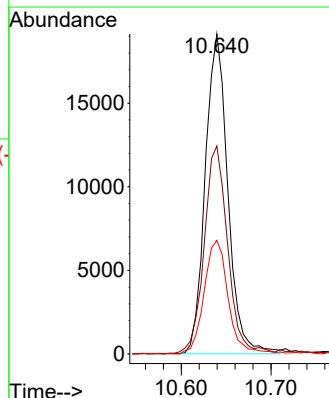
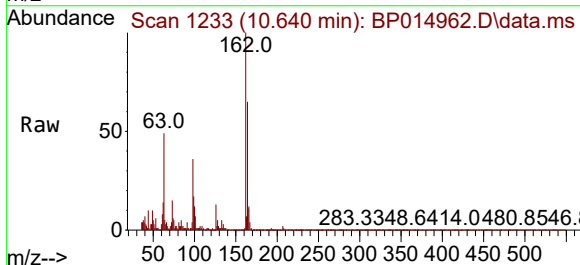
Tgt Ion: 162 Resp: 33475

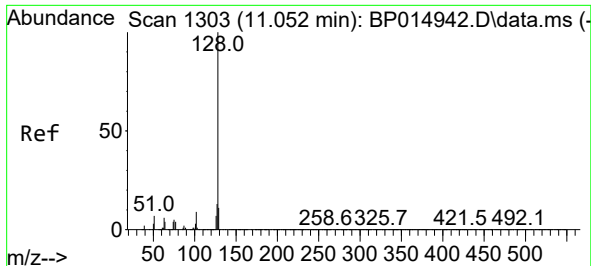
Ion Ratio Lower Upper

162 100

164 65.0 51.5 77.3

98 35.5 28.8 43.2

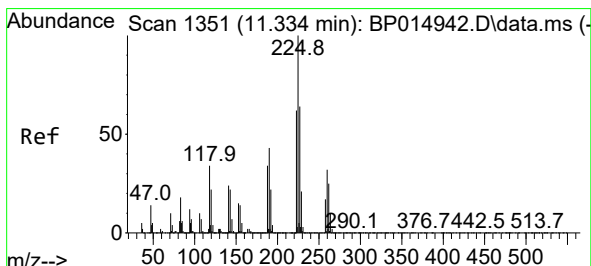
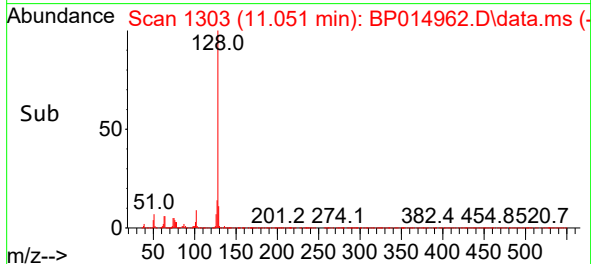
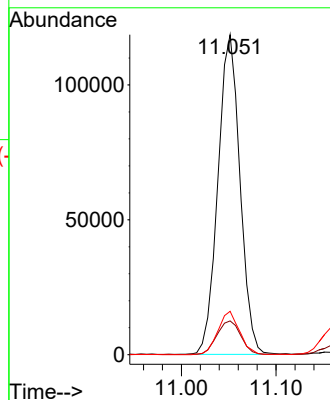
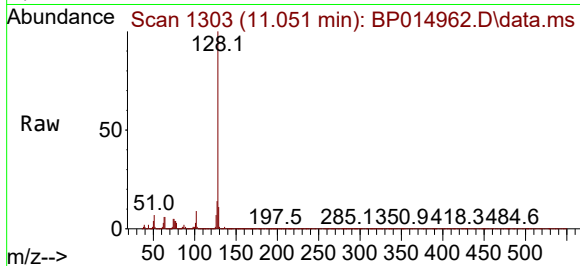




#30
Naphthalene
Concen: 2.908 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

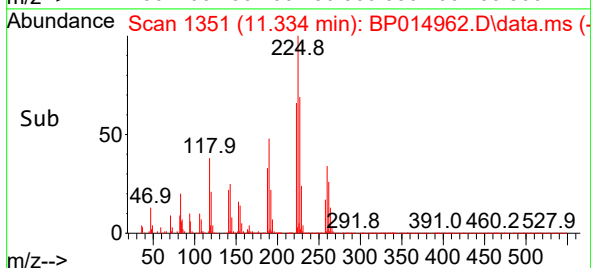
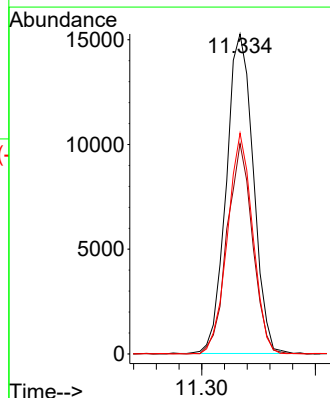
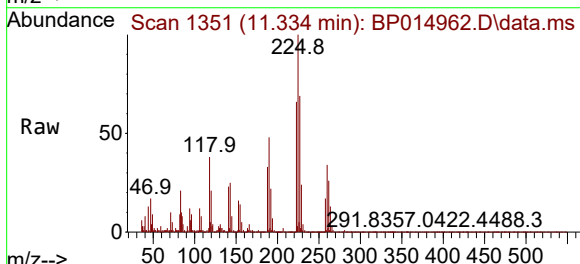
Instrument :
BNA_P
ClientSampleId :
EW937MS

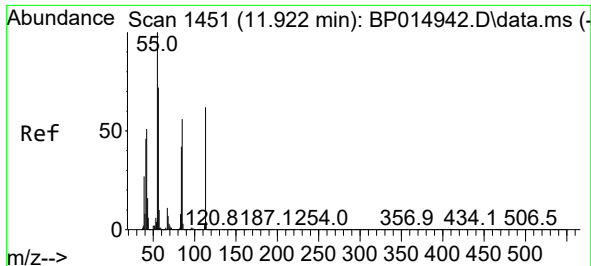
Tgt Ion:128 Resp: 191968
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.5 10.4 15.6



#33
Hexachlorobutadiene
Concen: 2.193 ng/ul
RT: 11.334 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:225 Resp: 25199
Ion Ratio Lower Upper
225 100
223 65.8 50.6 76.0
227 69.0 51.4 77.0

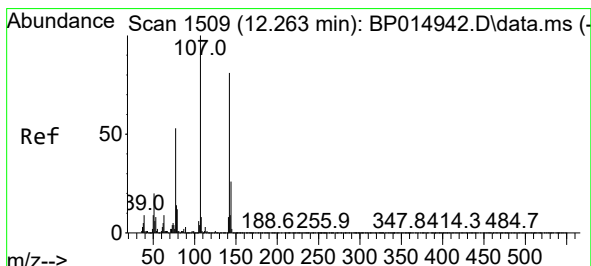
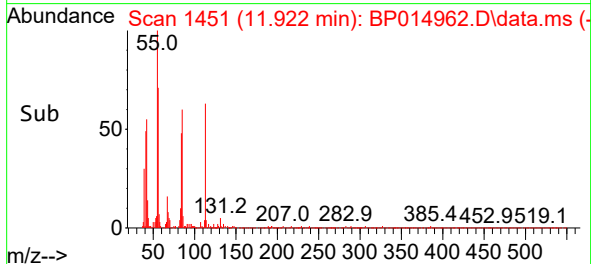
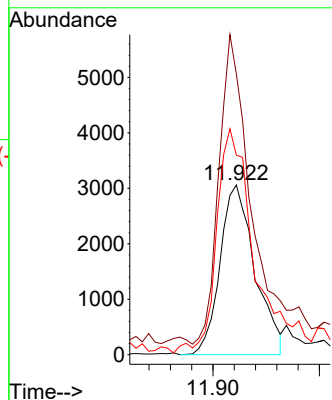
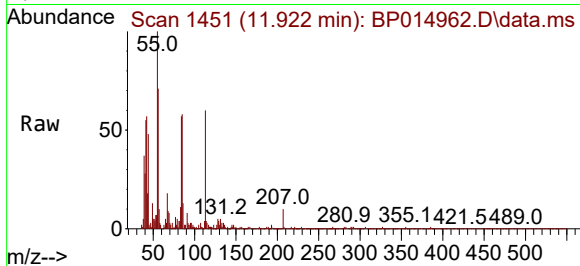




#34
 Caprolactam
 Concen: 1.269 ng/ul
 RT: 11.922 min Scan# 1451
 Delta R.T. -0.000 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

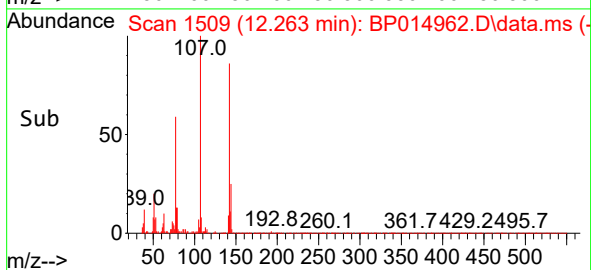
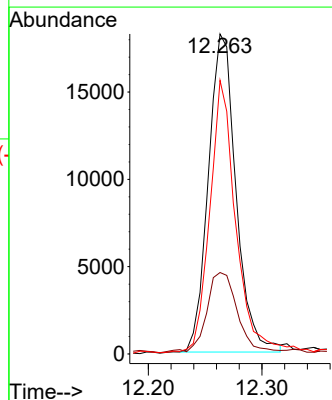
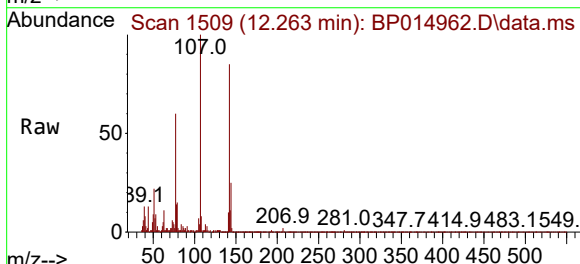
Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

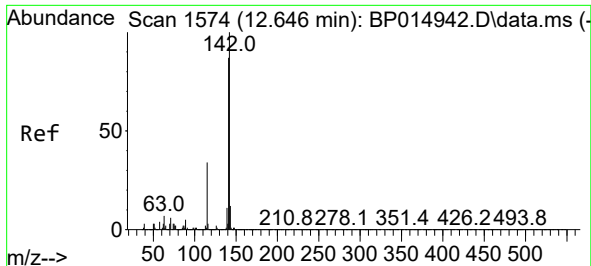
Tgt Ion:	113	Resp:	6962
Ion	Ratio	Lower	Upper
113	100		
55	165.4	128.5	192.7
56	117.5	94.3	141.5



#35
 4-Chloro-3-methylphenol
 Concen: 1.686 ng/ul
 RT: 12.263 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

Tgt Ion:	107	Resp:	30865
Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.6	30.8
142	85.5	63.2	94.8

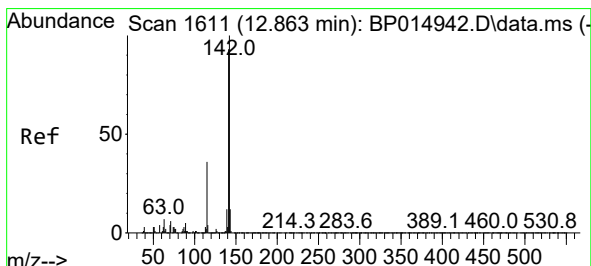
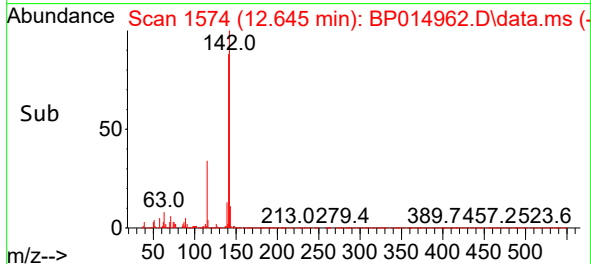
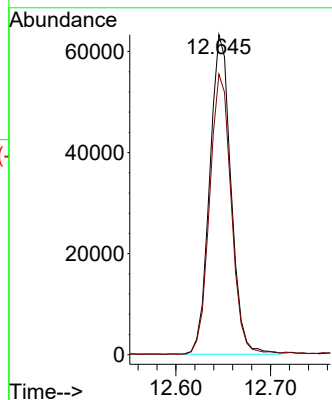
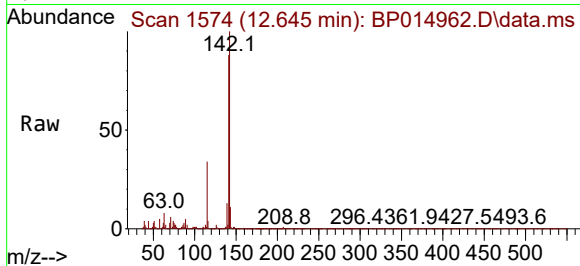




#36
2-Methylnaphthalene
Concen: 2.420 ng/ul
RT: 12.645 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

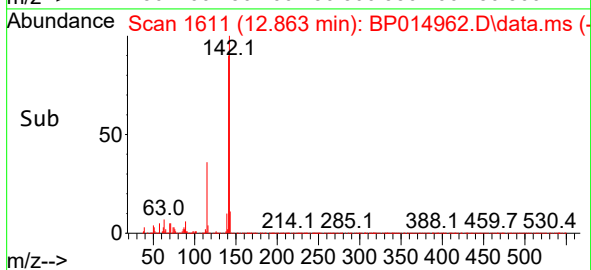
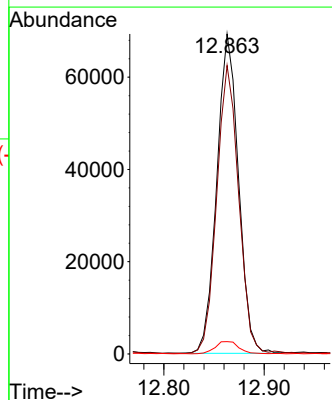
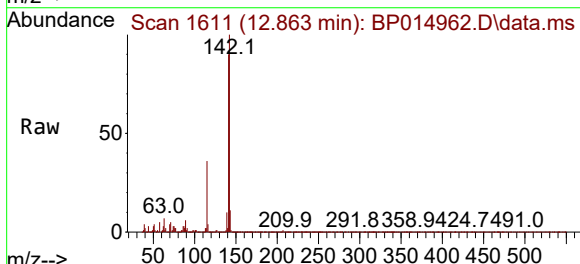
Instrument :
BNA_P
ClientSampleId :
EW937MS

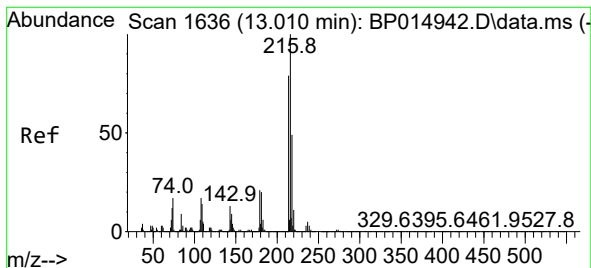
Tgt Ion:142 Resp: 98777
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7



#37
1-Methylnaphthalene
Concen: 2.475 ng/ul
RT: 12.863 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:142 Resp: 104135
Ion Ratio Lower Upper
142 100
141 90.2 74.4 111.6
116 3.8 2.9 4.3

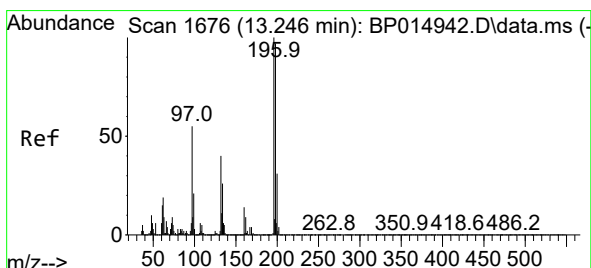
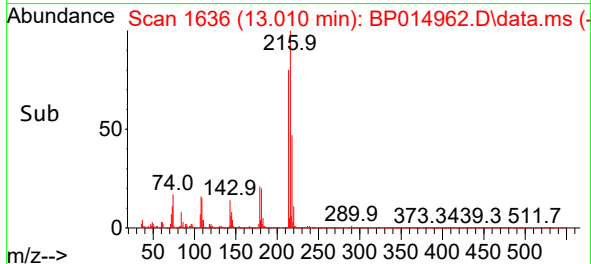
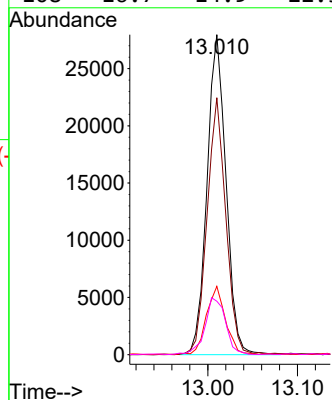
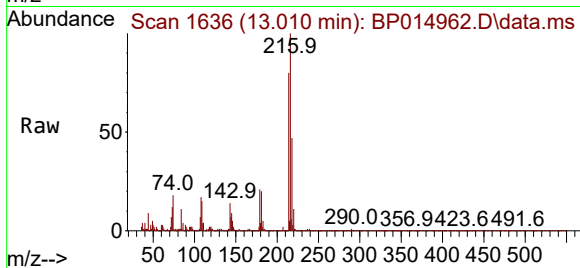




#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.246 ng/ul
RT: 13.010 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

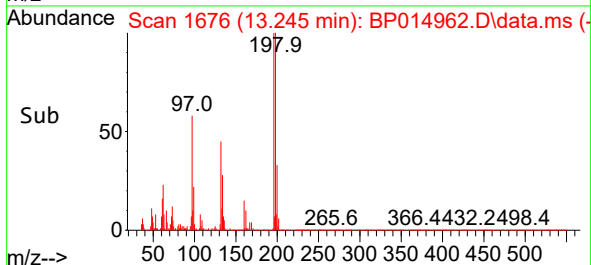
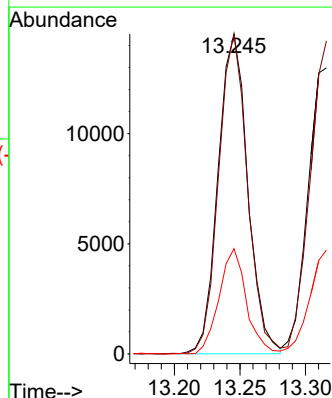
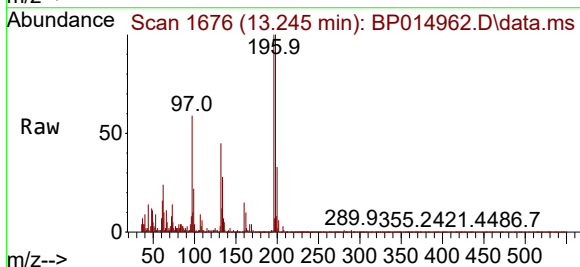
Instrument :
BNA_P
ClientSampleId :
EW937MS

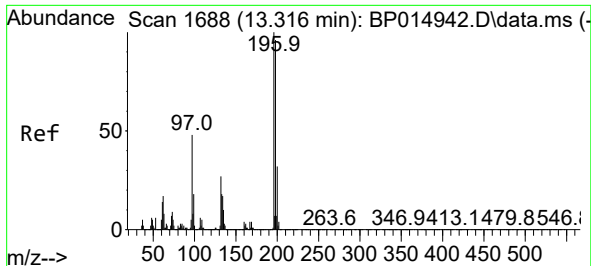
Tgt Ion:	216	Resp:	41182
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.0	94.4
179	21.3	16.9	25.3
108	16.7	14.9	22.3



#41
2,4,6-Trichlorophenol
Concen: 2.018 ng/ul
RT: 13.245 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:	196	Resp:	22799
Ion Ratio	Lower	Upper	
196	100		
198	100.2	76.8	115.2
200	33.0	24.6	36.8

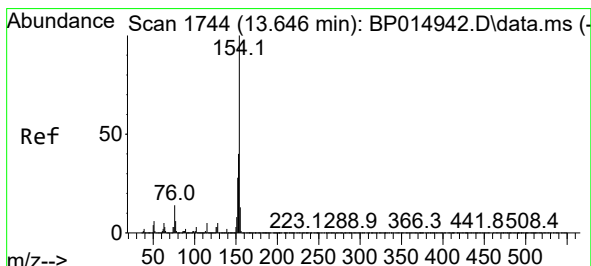
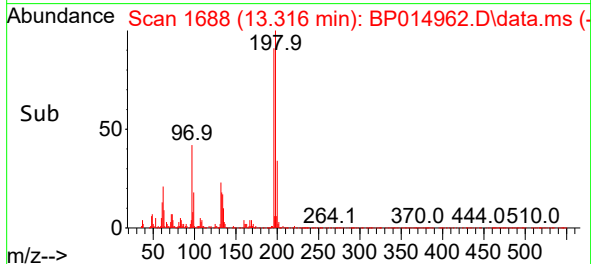
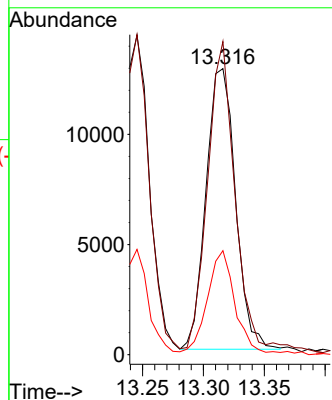
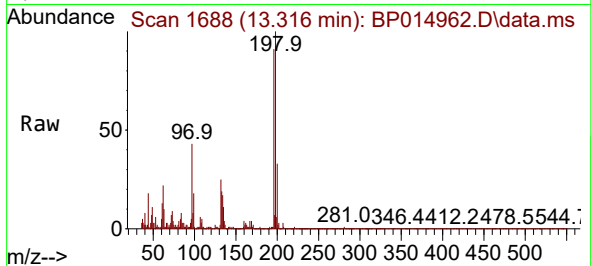




#42
2,4,5-Trichlorophenol
Concen: 1.766 ng/ul
RT: 13.316 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

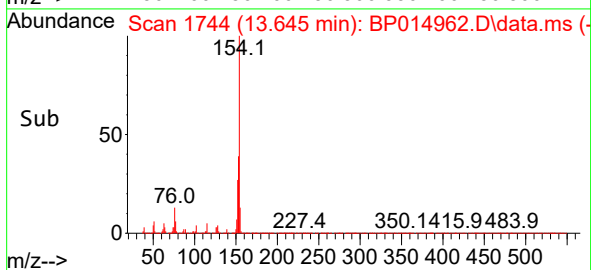
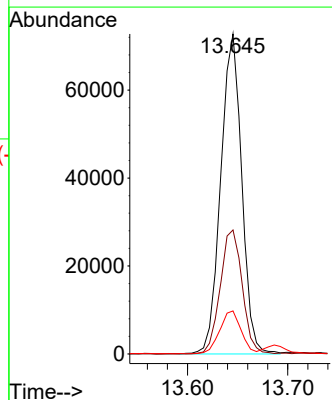
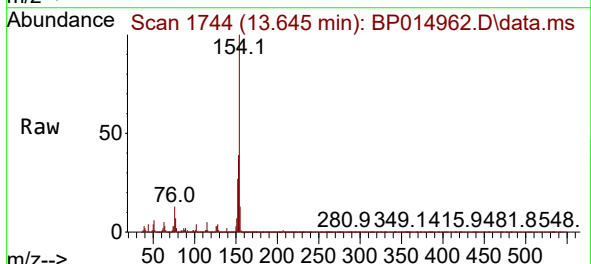
Instrument :
BNA_P
ClientSampleId :
EW937MS

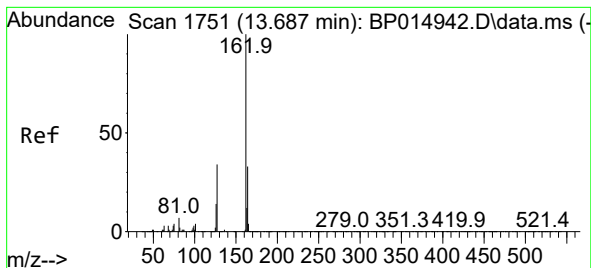
Tgt Ion:196 Resp: 21507
Ion Ratio Lower Upper
196 100
198 109.4 74.2 111.4
200 36.4 24.6 37.0



#43
1,1'-Biphenyl
Concen: 2.251 ng/ul
RT: 13.645 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:154 Resp: 105787
Ion Ratio Lower Upper
154 100
153 38.7 31.9 47.9
76 13.5 11.3 16.9





#44

2-Chloronaphthalene

Concen: 2.026 ng/ul

RT: 13.687 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

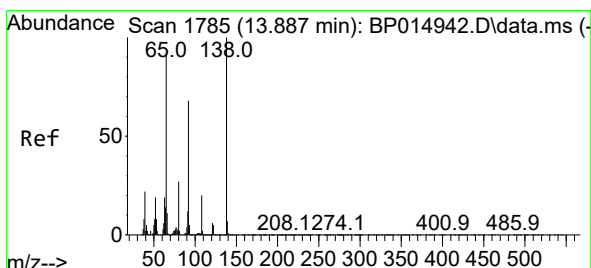
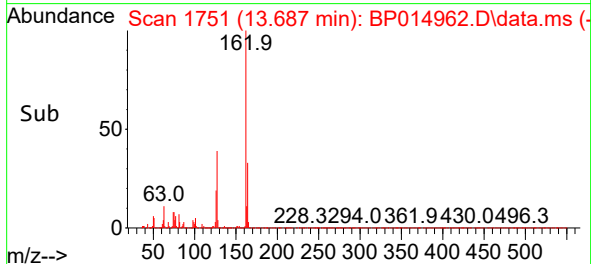
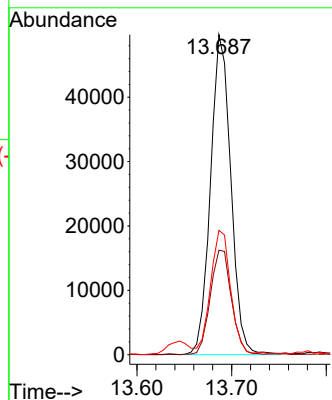
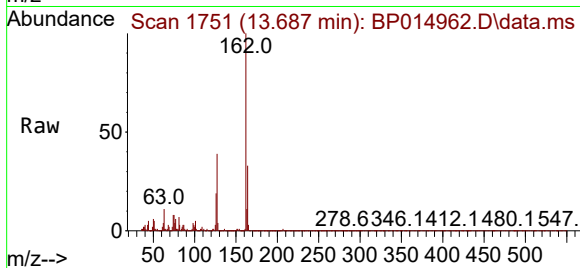
Tgt Ion:162 Resp: 74172

Ion Ratio Lower Upper

162 100

164 32.6 26.3 39.5

127 38.9 30.4 45.6



#45

2-Nitroaniline

Concen: 1.661 ng/ul

RT: 13.887 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

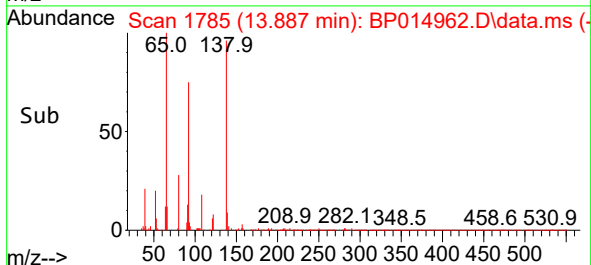
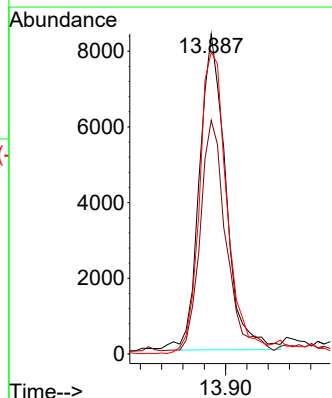
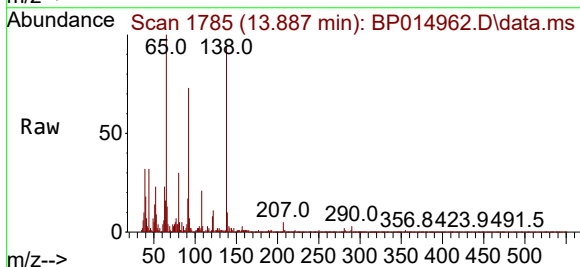
Tgt Ion: 65 Resp: 14164

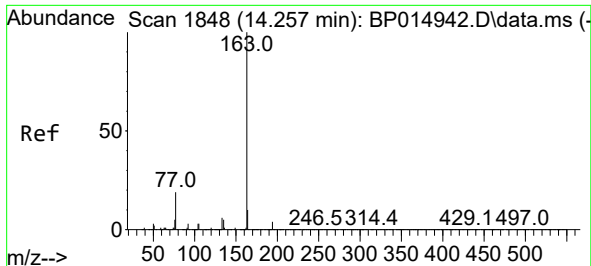
Ion Ratio Lower Upper

65 100

92 73.0 58.3 87.5

138 94.4 87.9 131.9

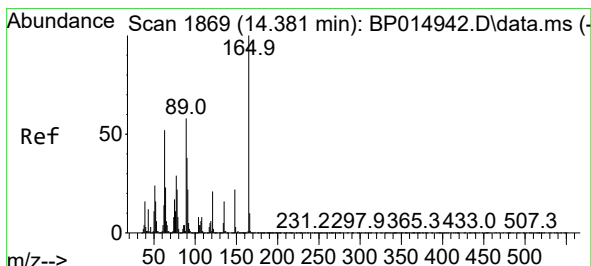
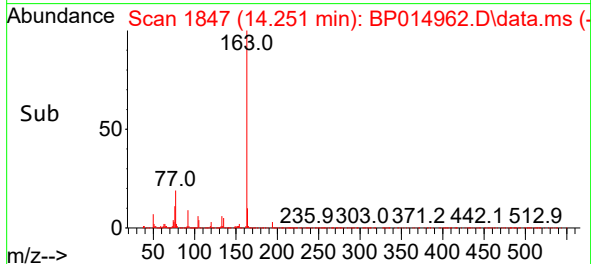
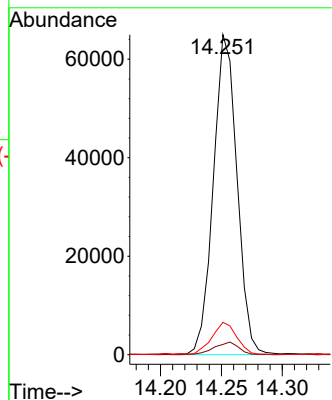
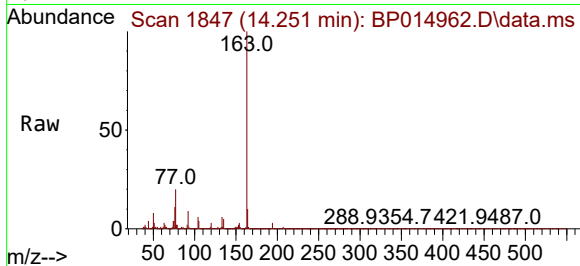




#47
Dimethylphthalate
Concen: 2.009 ng/ul
RT: 14.251 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

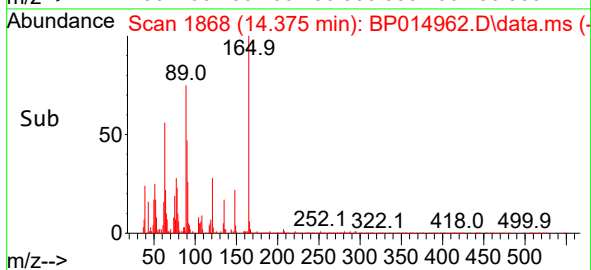
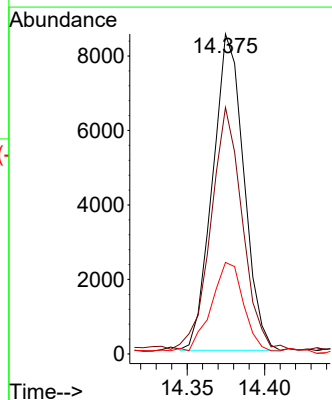
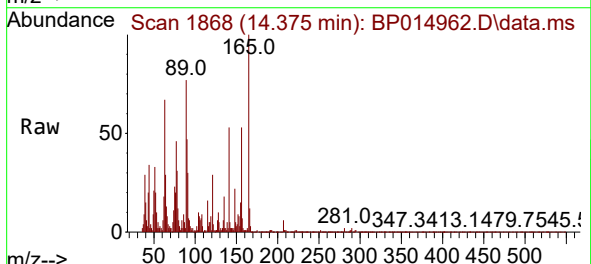
Instrument :
BNA_P
ClientSampleId :
EW937MS

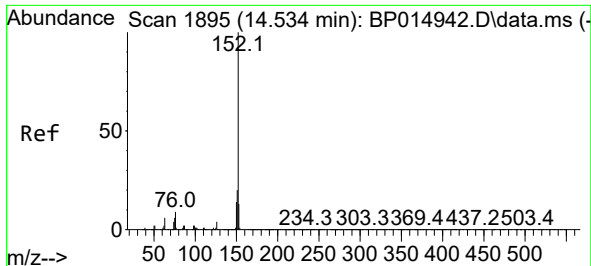
Tgt Ion:163 Resp: 87876
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 1.539 ng/ul
RT: 14.375 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:165 Resp: 11901
Ion Ratio Lower Upper
165 100
89 77.1 48.1 72.1#
121 28.6 17.3 25.9#

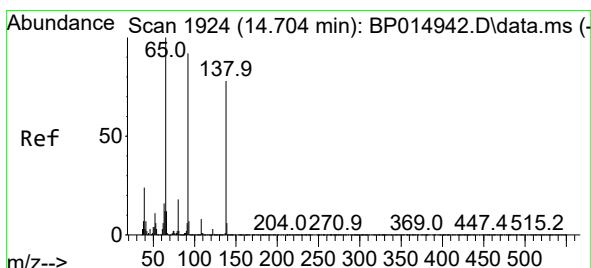
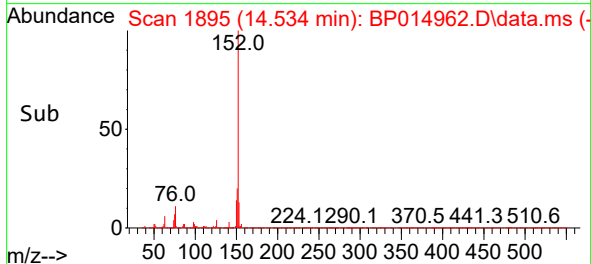
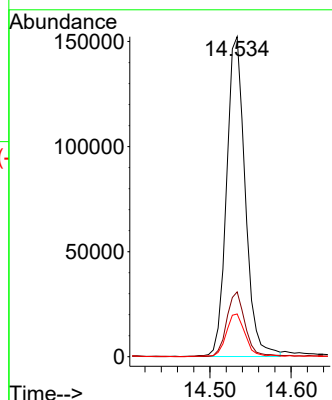
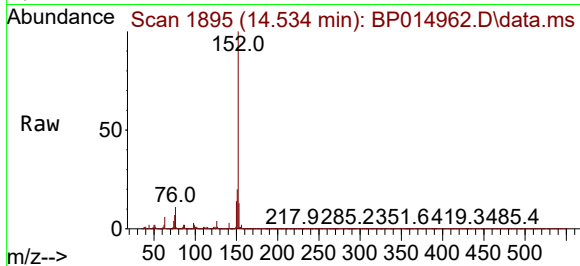




#50
Acenaphthylene
Concen: 4.300 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

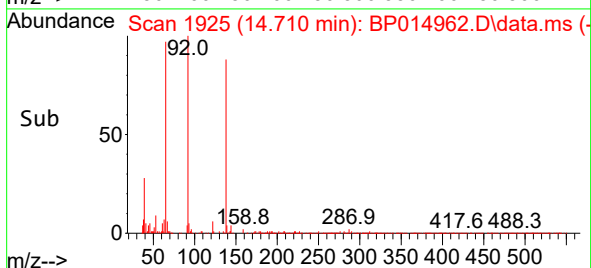
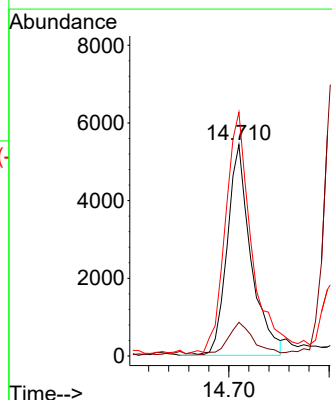
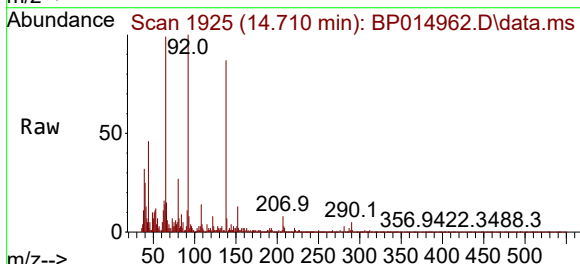
Instrument :
BNA_P
ClientSampleId :
EW937MS

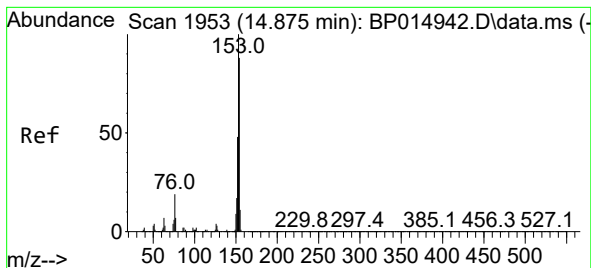
Tgt Ion:	152	Resp:	243230
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.4	10.4	15.6



#51
3-Nitroaniline
Concen: 1.276 ng/ul
RT: 14.710 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:	138	Resp:	8929
Ion	Ratio	Lower	Upper
138	100		
108	15.9	8.5	12.7#
92	115.4	95.8	143.6





#52

Acenaphthene

Concen: 4.674 ng/ul

RT: 14.869 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

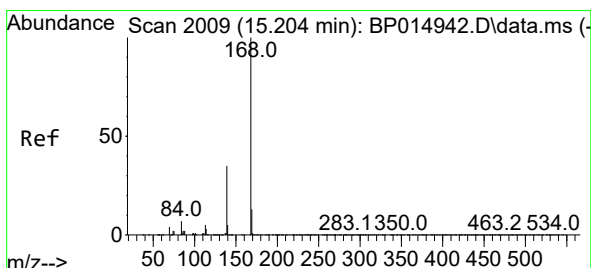
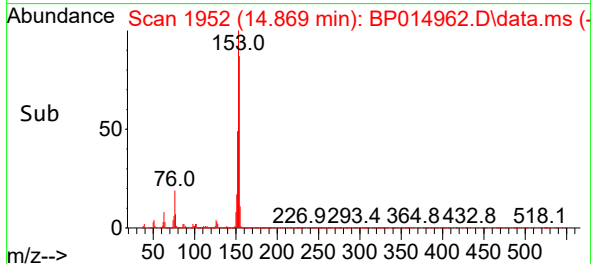
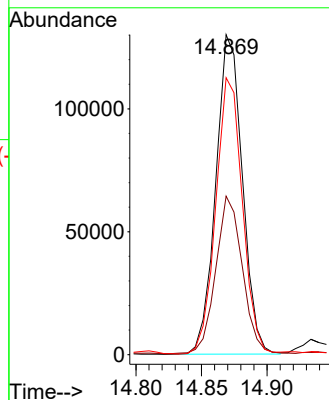
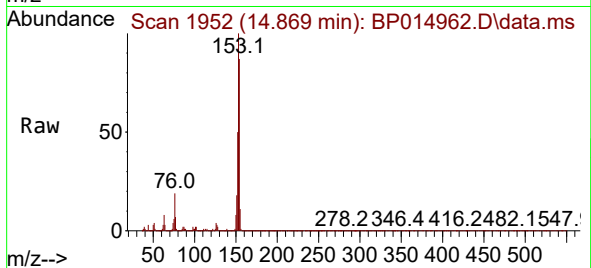
Tgt Ion:153 Resp: 182993

Ion Ratio Lower Upper

153 100

152 49.5 38.8 58.2

154 86.5 69.6 104.4



#56

Dibenzofuran

Concen: 3.576 ng/ul

RT: 15.204 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BP014962.D

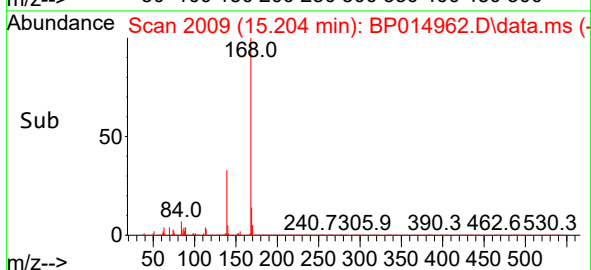
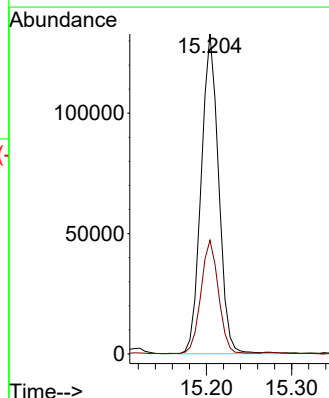
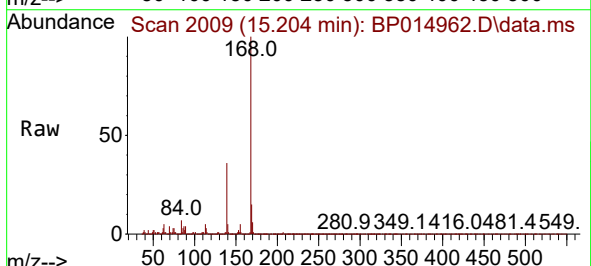
Acq: 04 May 2023 20:34

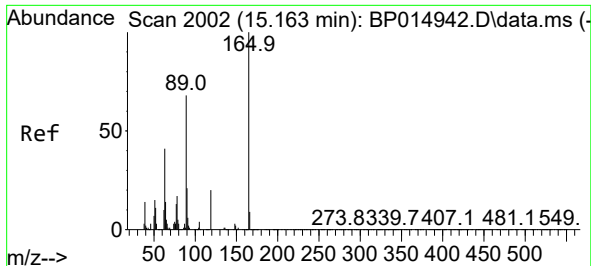
Tgt Ion:168 Resp: 188908

Ion Ratio Lower Upper

168 100

139 35.6 28.6 42.8





#57

2,4-Dinitrotoluene

Concen: 1.315 ng/ul

RT: 15.163 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

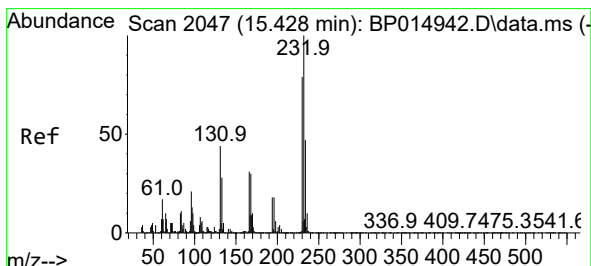
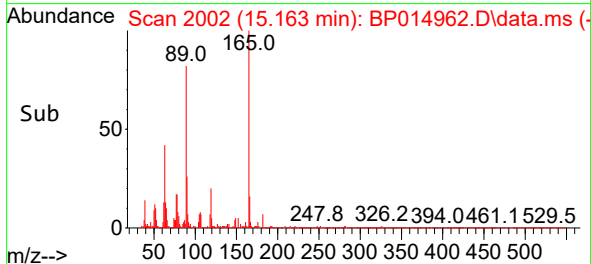
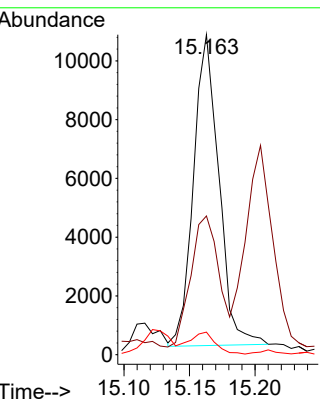
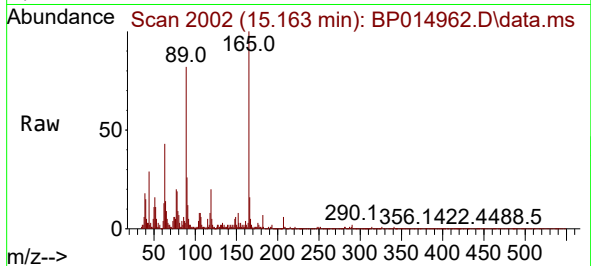
Tgt Ion:165 Resp: 14241

Ion Ratio Lower Upper

165 100

63 43.3 35.7 53.5

182 7.1 2.2 3.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 1.718 ng/ul

RT: 15.428 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Tgt Ion:232 Resp: 17026

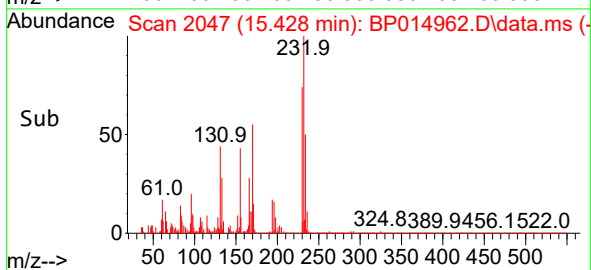
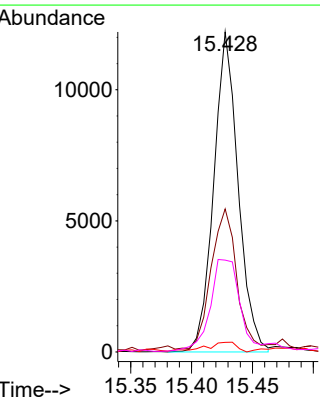
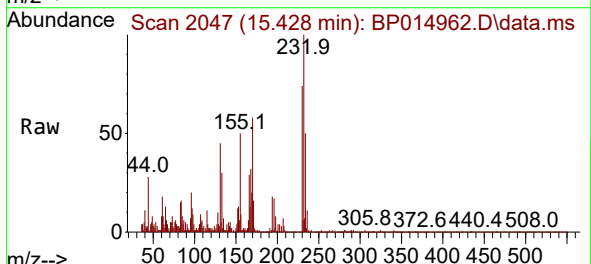
Ion Ratio Lower Upper

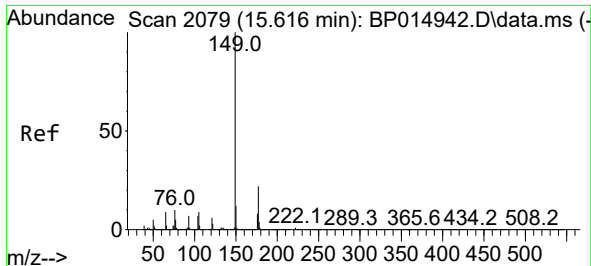
232 100

131 44.7 38.2 57.4

130 3.0 2.1 3.1

166 28.7 26.6 39.8

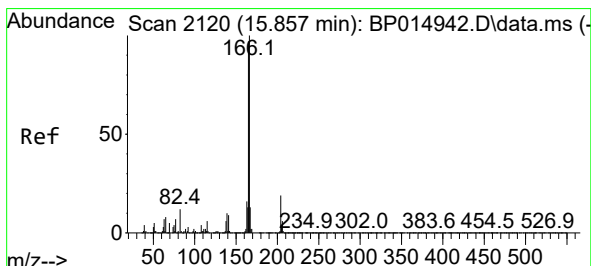
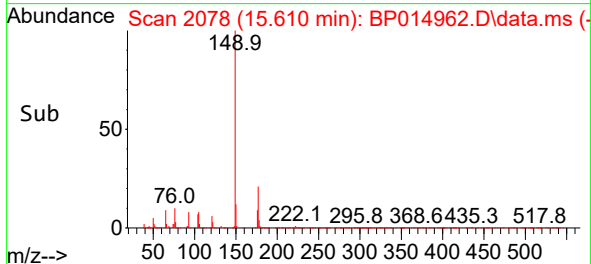
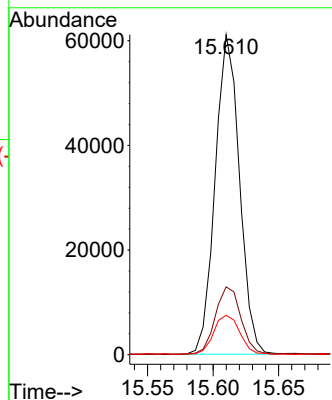
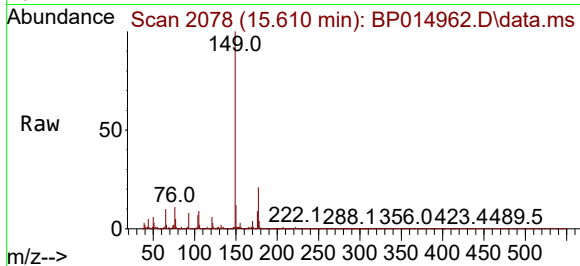




#59
Diethylphthalate
Concen: 1.902 ng/ul
RT: 15.610 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

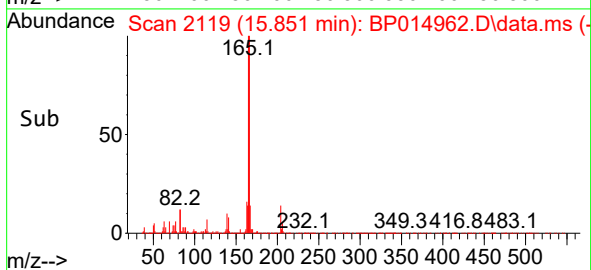
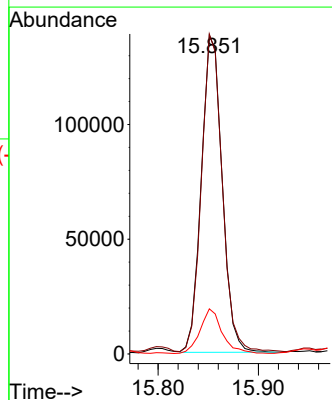
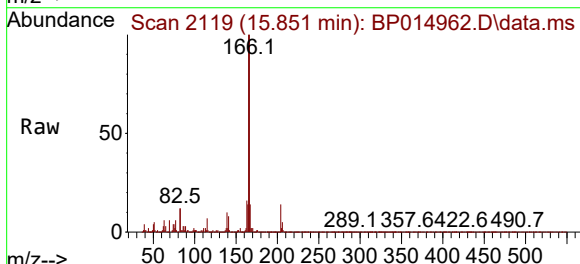
Instrument :
BNA_P
ClientSampleId :
EW937MS

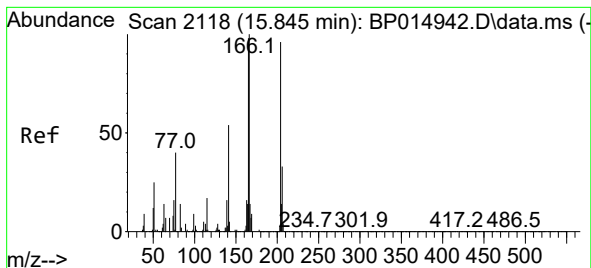
Tgt Ion:149 Resp: 78623
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.3 9.6 14.4



#61
Fluorene
Concen: 4.800 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:166 Resp: 200004
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 14.2 10.7 16.1

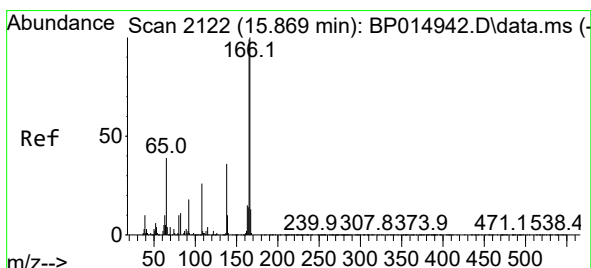
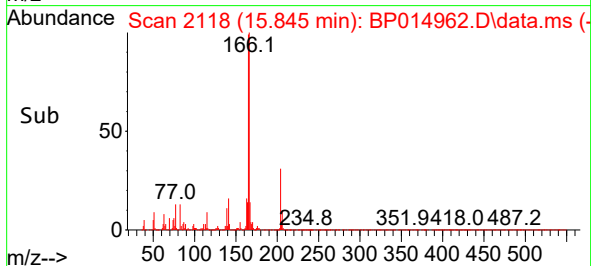
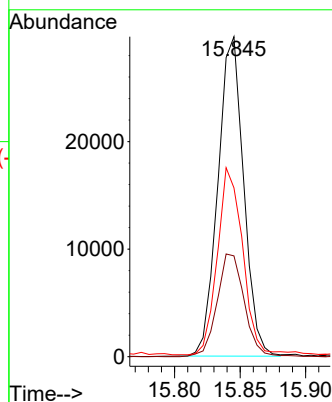
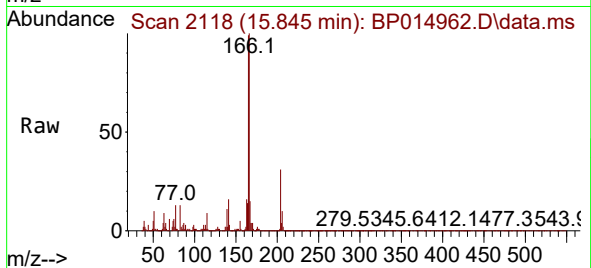




#62
4-Chlorophenyl-phenylether
Concen: 1.989 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

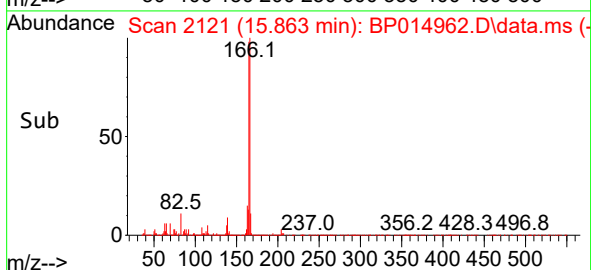
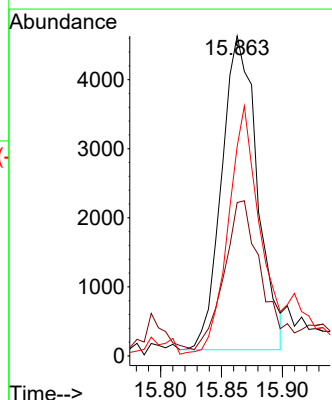
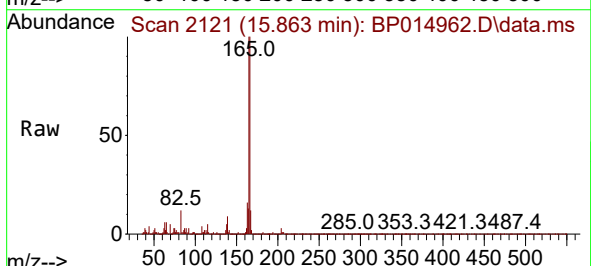
Instrument :
BNA_P
ClientSampleId :
EW937MS

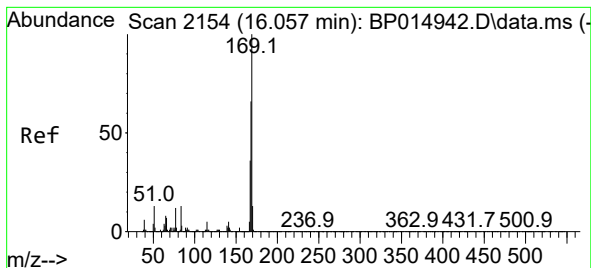
Tgt Ion:204 Resp: 40553
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 52.7 46.8 70.2



#63
4-Nitroaniline
Concen: 1.586 ng/ul
RT: 15.863 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:138 Resp: 9259
Ion Ratio Lower Upper
138 100
92 48.0 43.7 65.5
108 65.5 57.4 86.2





#67

N-Nitrosodiphenylamine

Concen: 2.124 ng/ul

RT: 16.057 min Scan# 2154

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

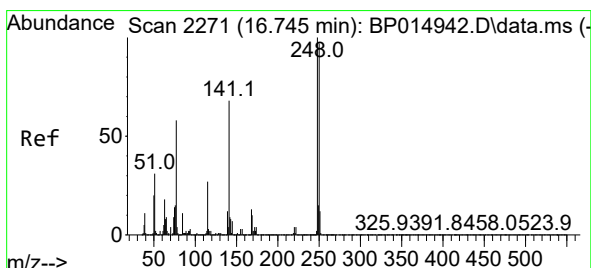
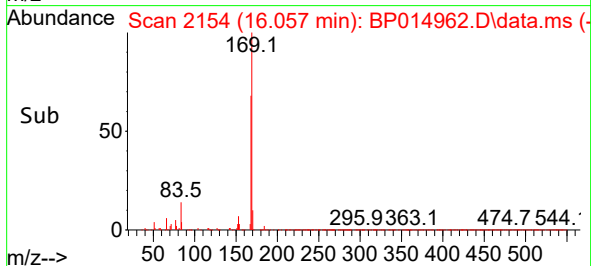
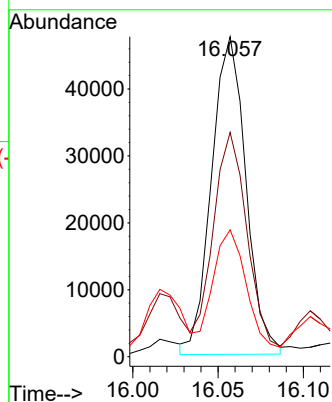
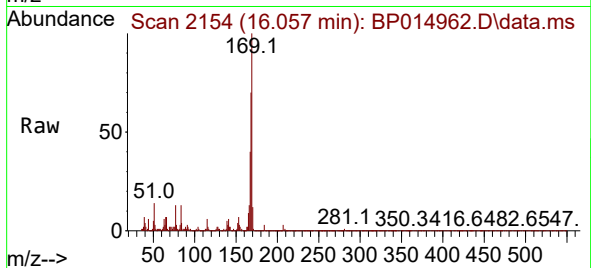
Tgt Ion:169 Resp: 66502

Ion Ratio Lower Upper

169 100

168 70.1 53.5 80.3

167 39.7 29.3 43.9



#68

4-Bromophenyl-phenylether

Concen: 2.146 ng/ul

RT: 16.739 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

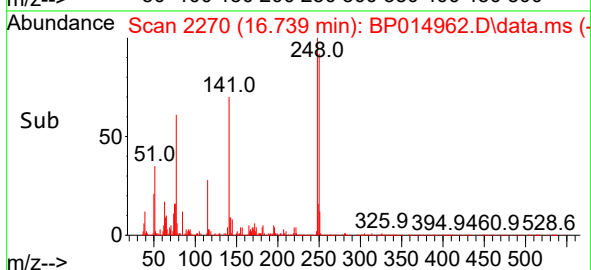
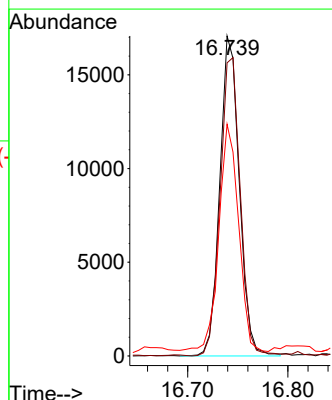
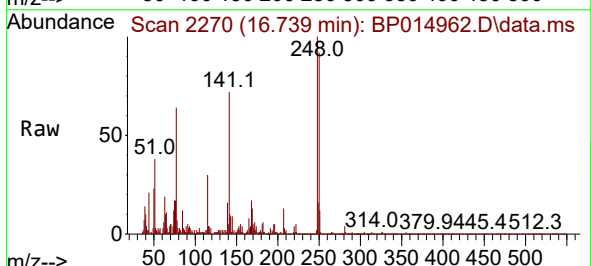
Tgt Ion:248 Resp: 23029

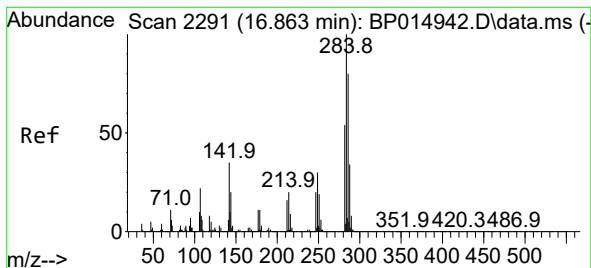
Ion Ratio Lower Upper

248 100

250 91.6 79.5 119.3

141 72.4 60.2 90.4





#69

Hexachlorobenzene

Concen: 2.162 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

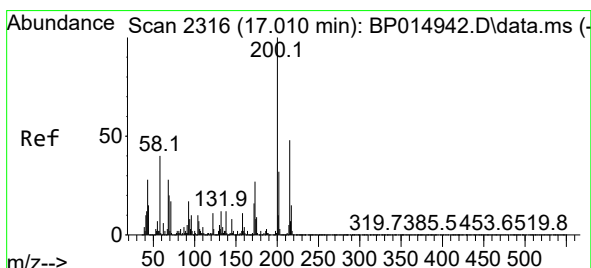
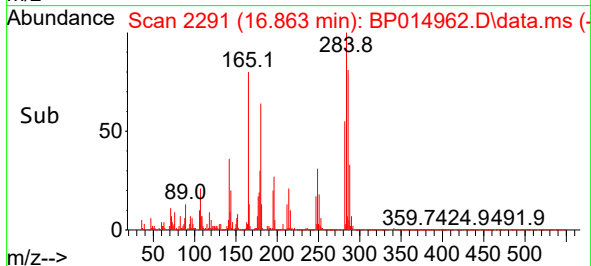
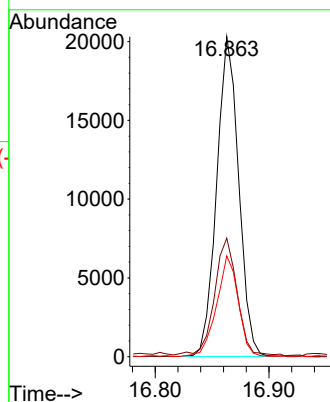
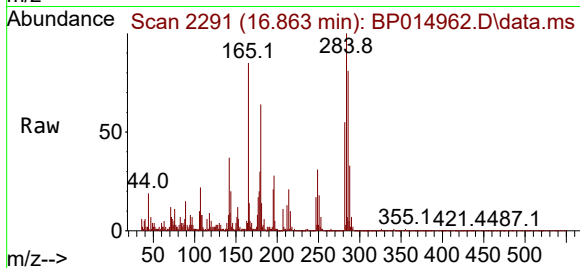
Tgt Ion:284 Resp: 27334

Ion Ratio Lower Upper

284 100

142 37.1 30.2 45.2

249 31.5 24.5 36.7



#70

Atrazine

Concen: 1.868 ng/ul

RT: 17.004 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

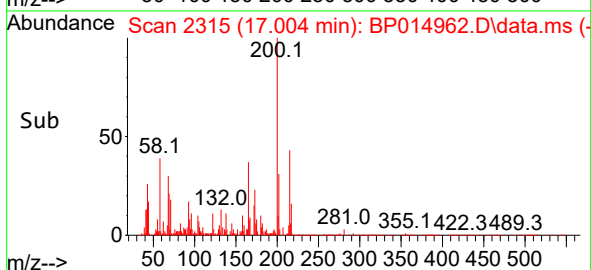
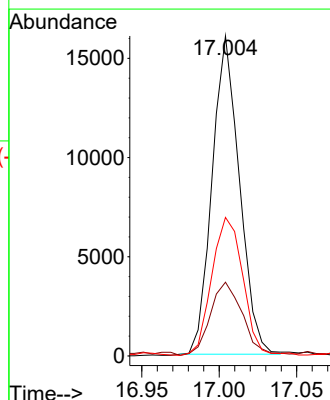
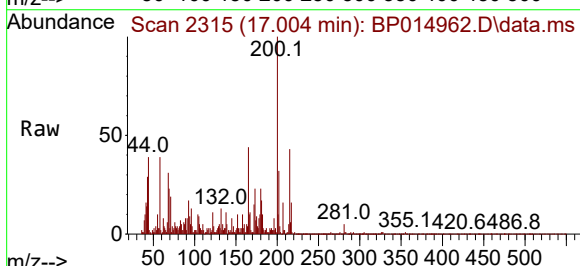
Tgt Ion:200 Resp: 19677

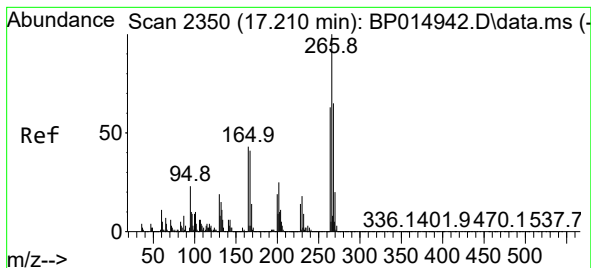
Ion Ratio Lower Upper

200 100

173 23.1 21.8 32.6

215 43.3 39.0 58.4





#71

Pentachlorophenol

Concen: 1.317 ng/ul

RT: 17.210 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

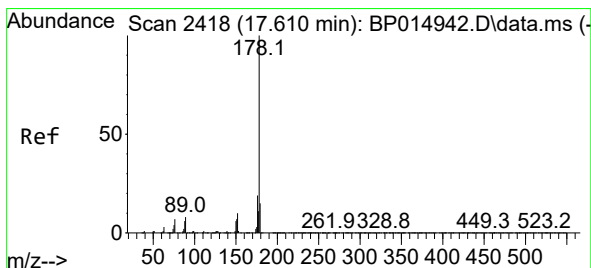
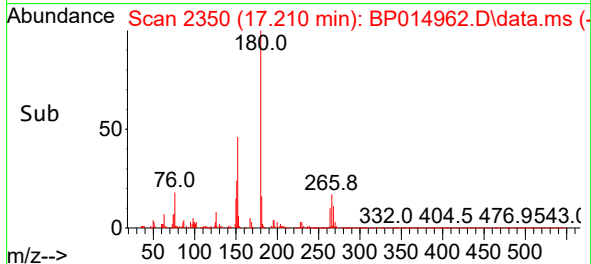
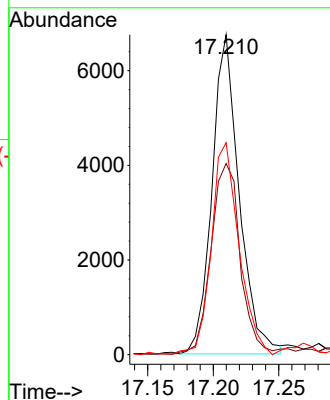
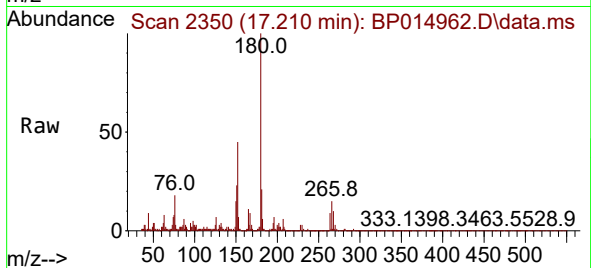
Tgt Ion:266 Resp: 9715

Ion Ratio Lower Upper

266 100

264 59.8 48.9 73.3

268 66.3 49.6 74.4



#72

Phenanthrene

Concen: 41.403 ng/ul

RT: 17.604 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

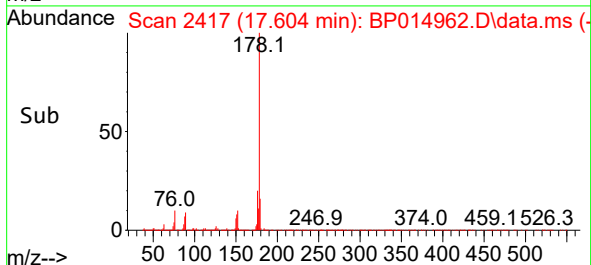
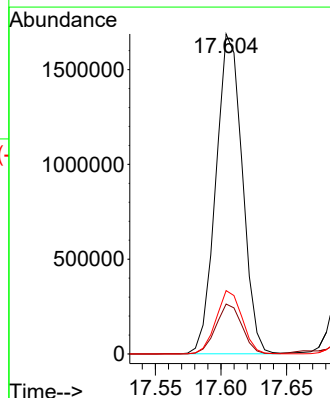
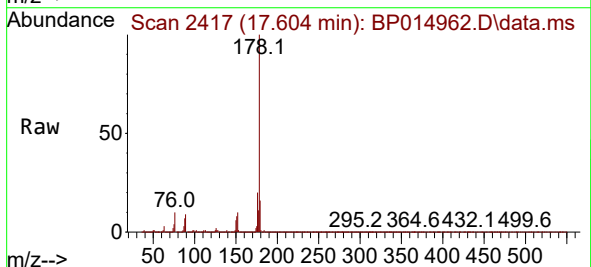
Tgt Ion:178 Resp: 2359561

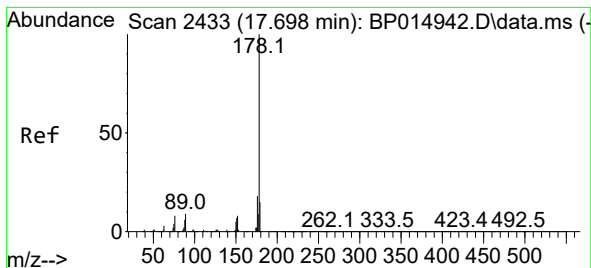
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.8 15.4 23.0





#74

Anthracene

Concen: 12.661 ng/uI

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

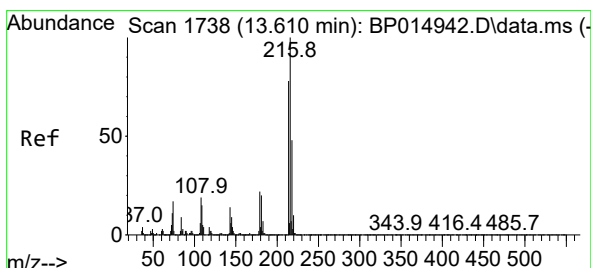
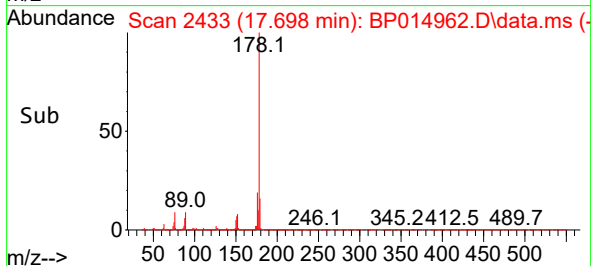
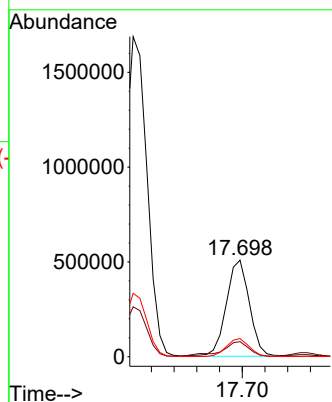
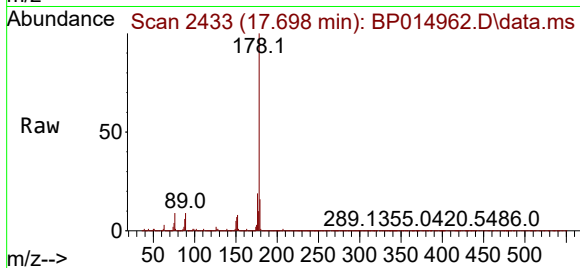
Tgt Ion:178 Resp: 718356

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.7 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.351 ng/uI

RT: 13.610 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

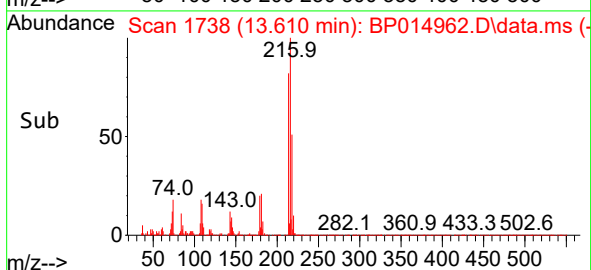
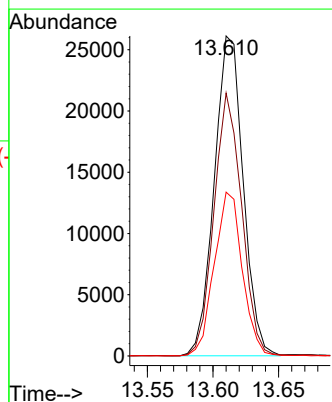
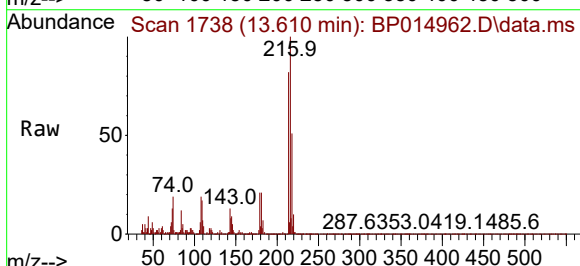
Tgt Ion:216 Resp: 40139

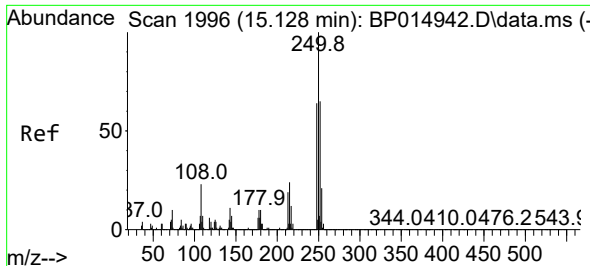
Ion Ratio Lower Upper

216 100

214 82.1 60.5 90.7

218 51.2 38.6 58.0

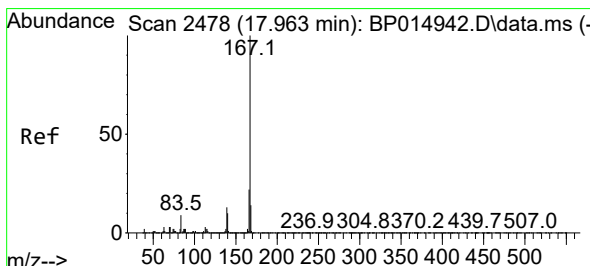
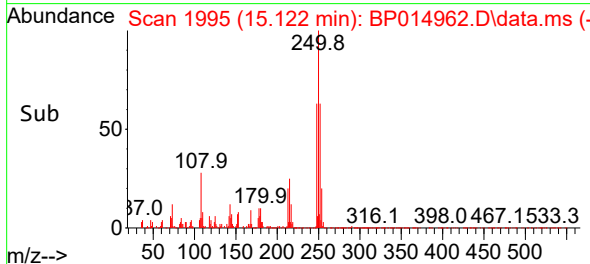
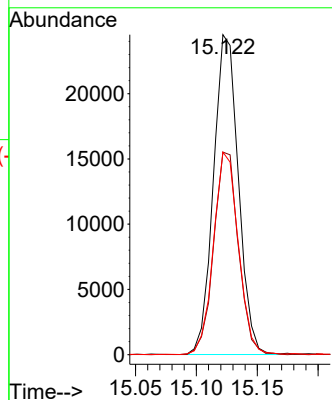
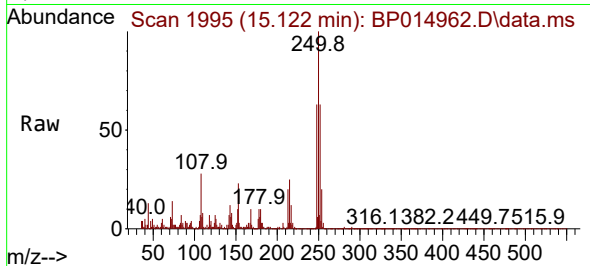




#76
 Pentachlorobenzene
 Concen: 2.146 ng/uL
 RT: 15.122 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

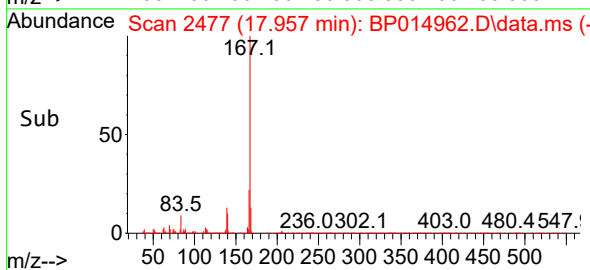
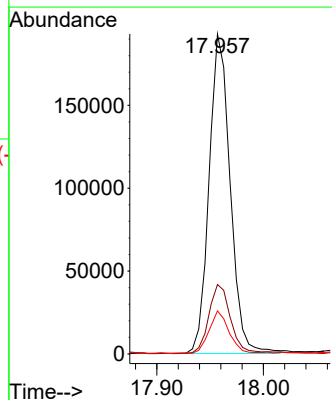
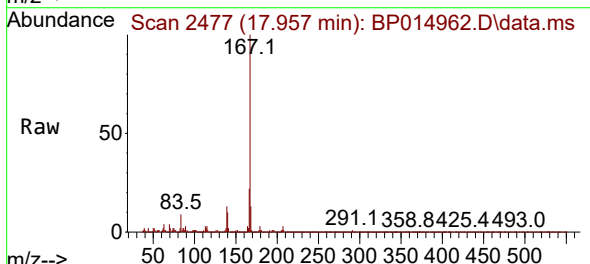
Instrument :
 BNA_P
 ClientSampleId :
 EW937MS

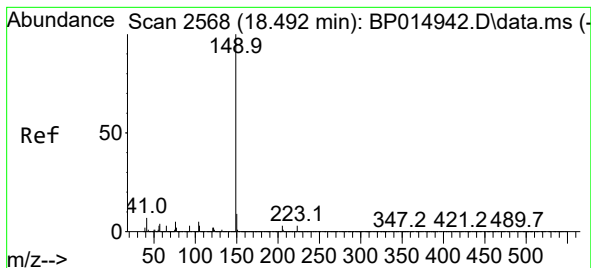
Tgt Ion:250 Resp: 34866
 Ion Ratio Lower Upper
 250 100
 248 63.3 50.5 75.7
 252 63.3 50.5 75.7



#77
 Carbazole
 Concen: 5.567 ng/uL
 RT: 17.957 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP014962.D
 Acq: 04 May 2023 20:34

Tgt Ion:167 Resp: 265661
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.4 10.1 15.1





#78

Di-n-butylphthalate

Concen: 2.253 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

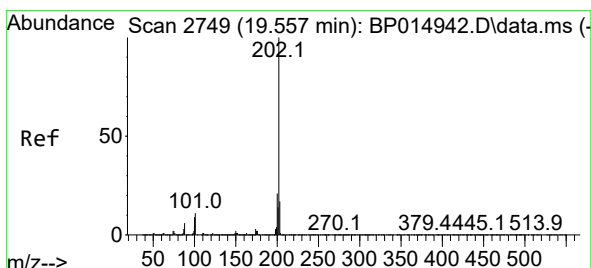
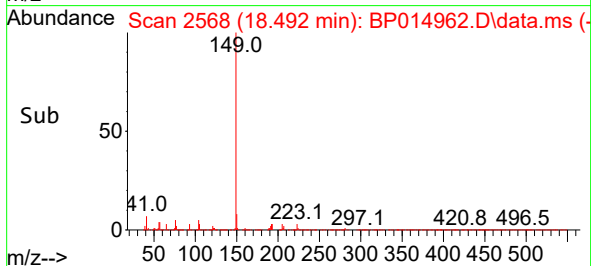
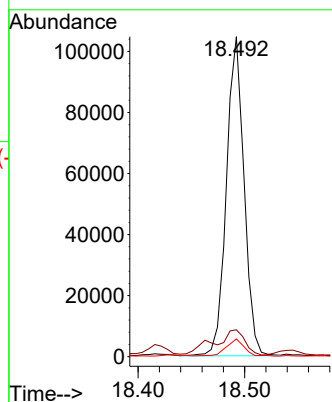
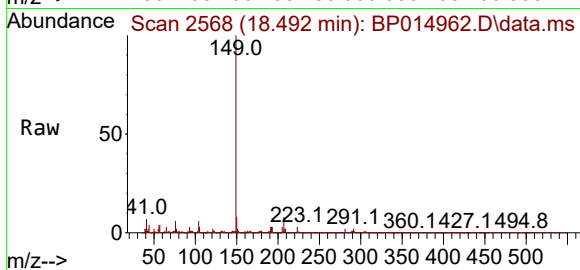
Tgt Ion:149 Resp: 120232

Ion Ratio Lower Upper

149 100

150 8.4 7.4 11.2

104 5.5 4.1 6.1



#80

Fluoranthene

Concen: 54.689 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

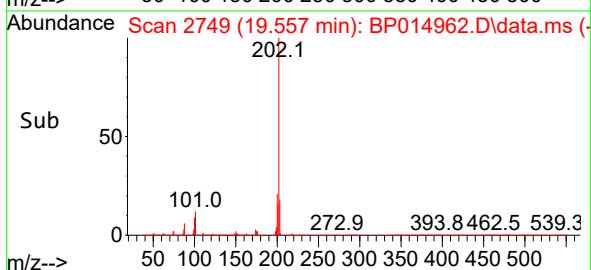
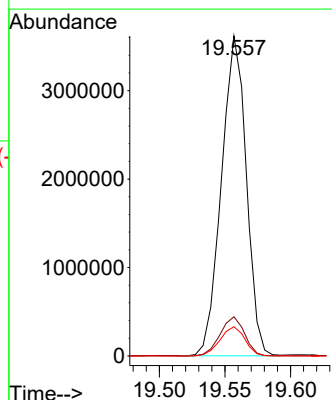
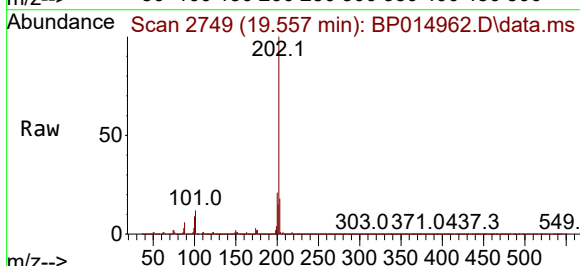
Tgt Ion:202 Resp: 4775443

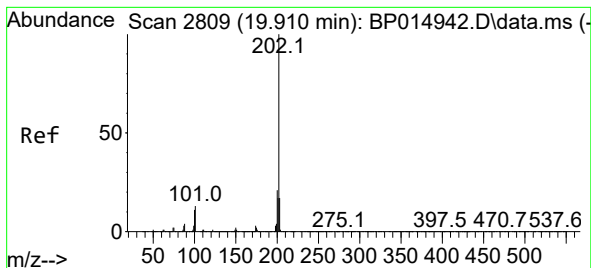
Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

100 9.1 7.7 11.5





#82

Pyrene

Concen: 47.242 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

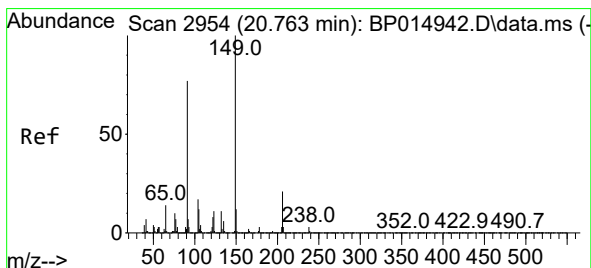
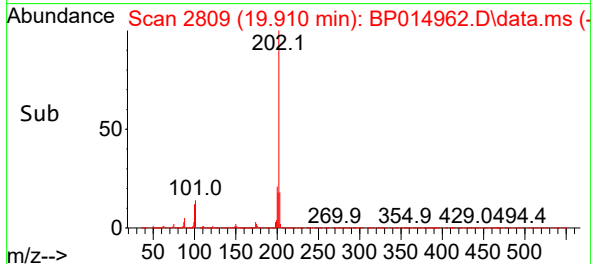
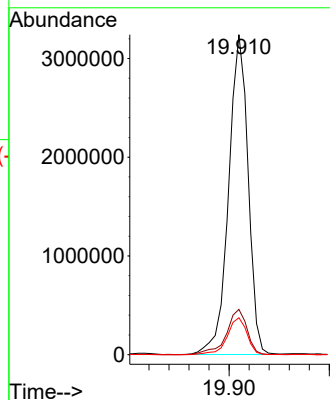
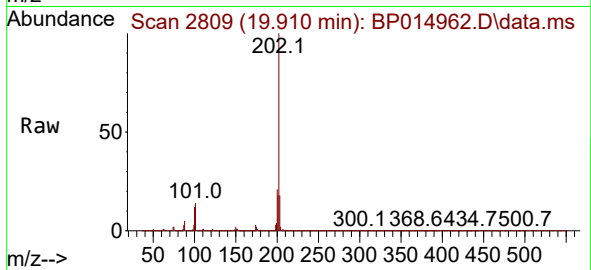
Tgt Ion:202 Resp: 4370542

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

100 11.5 9.7 14.5



#83

Butylbenzylphthalate

Concen: 2.114 ng/ul

RT: 20.757 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

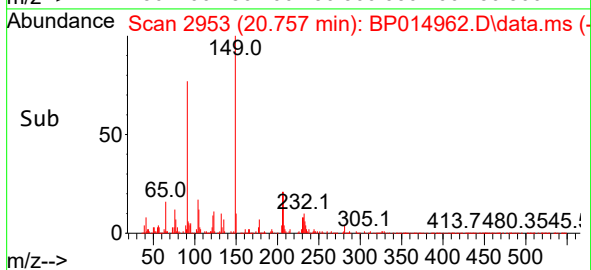
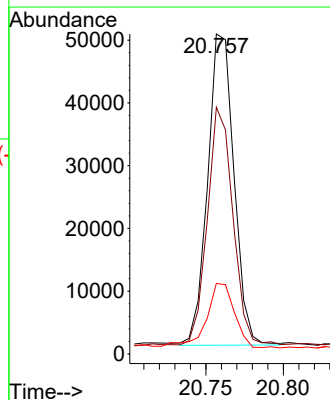
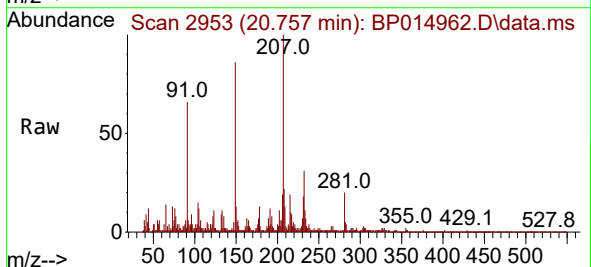
Tgt Ion:149 Resp: 58719

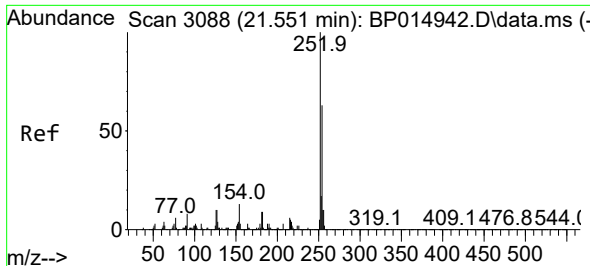
Ion Ratio Lower Upper

149 100

91 77.1 60.1 90.1

206 22.0 16.0 24.0

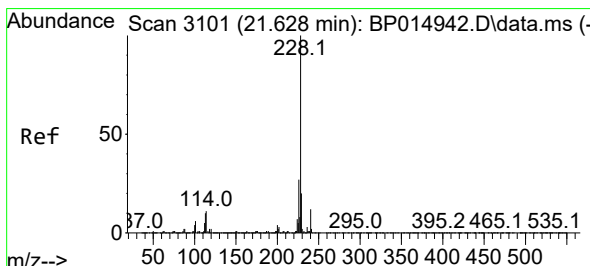
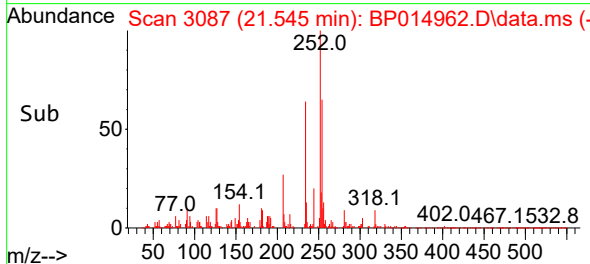
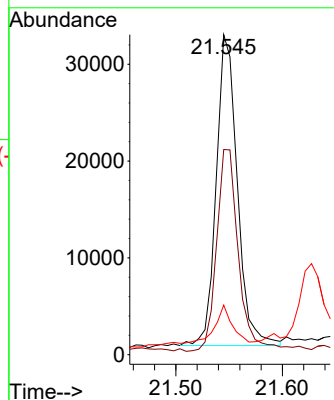
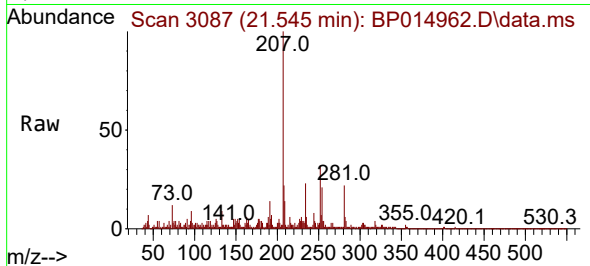




#84
3,3'-Dichlorobenzidine
Concen: 2.492 ng/ul
RT: 21.545 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

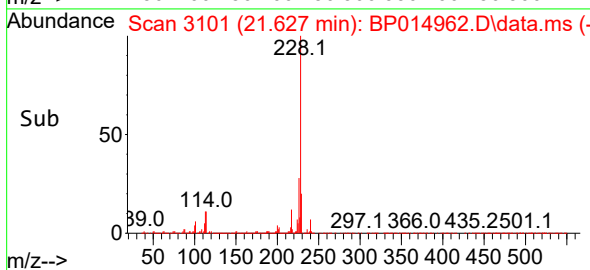
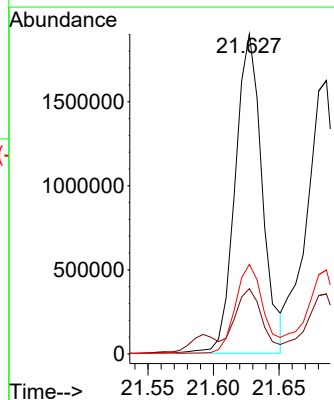
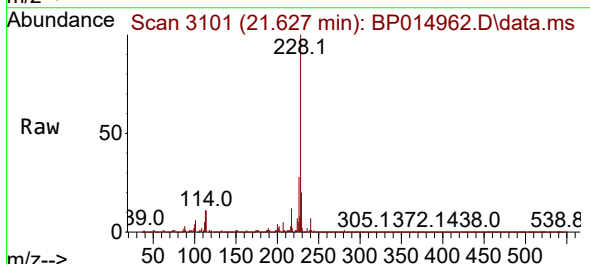
Instrument :
BNA_P
ClientSampleId :
EW937MS

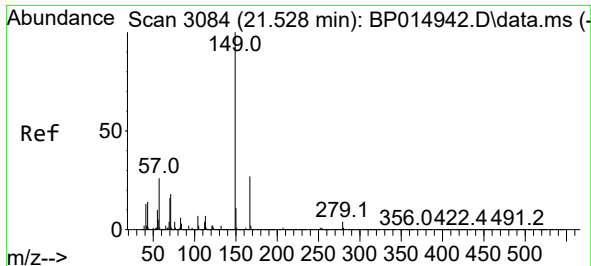
Tgt Ion:252 Resp: 44254
Ion Ratio Lower Upper
252 100
254 64.1 53.3 79.9
126 15.5 9.0 13.6#



#85
Benzo(a)anthracene
Concen: 38.719 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:228 Resp: 2726770
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.0 22.1 33.1

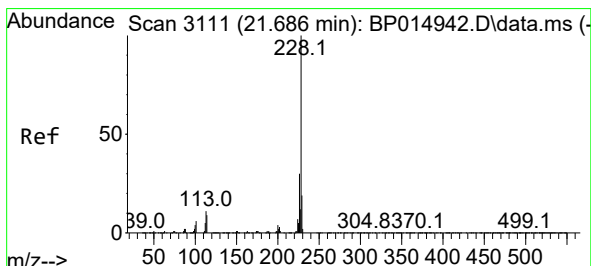
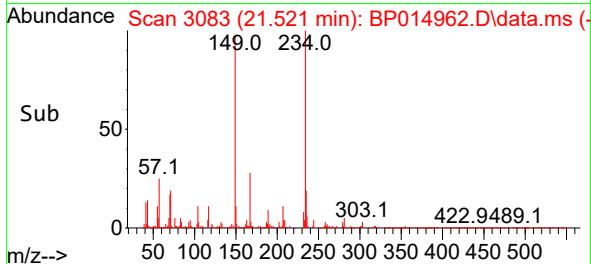
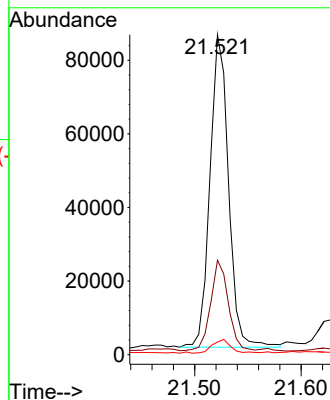
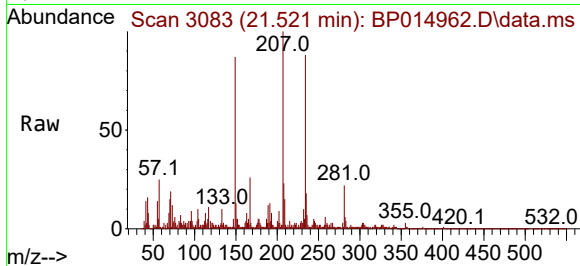




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.941 ng/ul
RT: 21.521 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

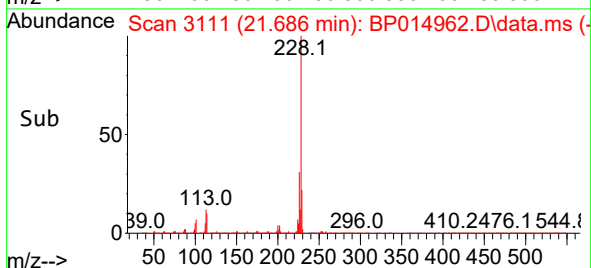
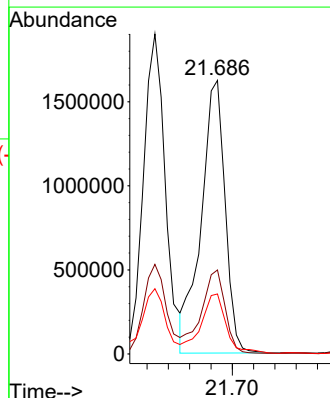
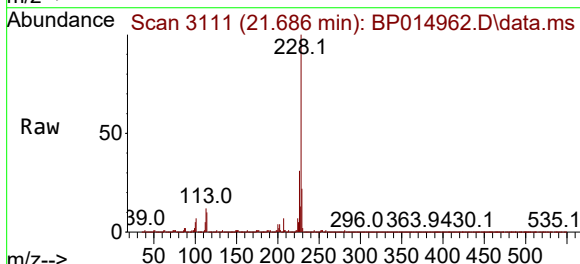
Instrument :
BNA_P
ClientSampleId :
EW937MS

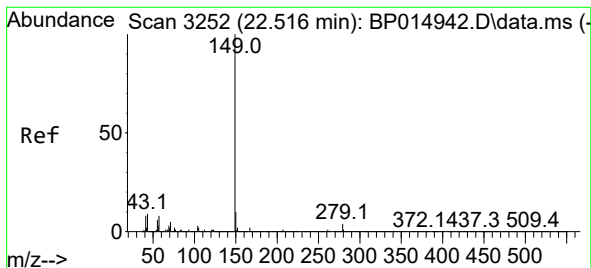
Tgt Ion:149 Resp: 102773
Ion Ratio Lower Upper
149 100
167 29.5 22.0 33.0
279 4.0 2.9 4.3



#87
Chrysene
Concen: 35.894 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014962.D
Acq: 04 May 2023 20:34

Tgt Ion:228 Resp: 2545292
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.9 15.8 23.8





#89

Di-n-octyl phthalate

Concen: 2.281 ng/ul

RT: 22.515 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

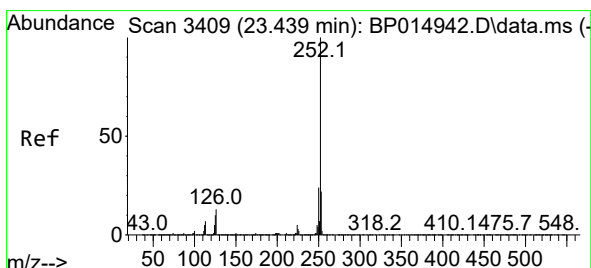
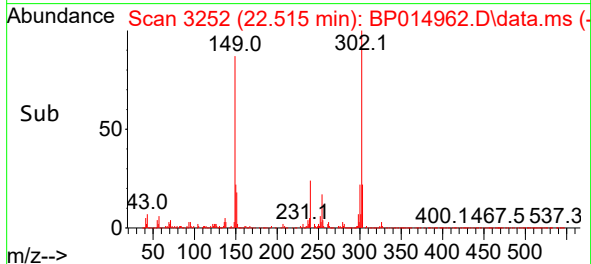
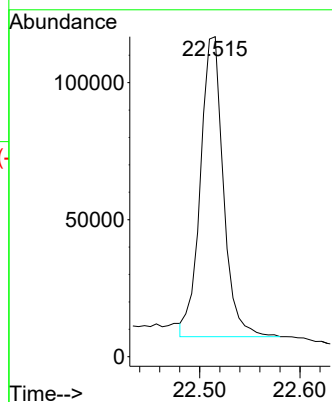
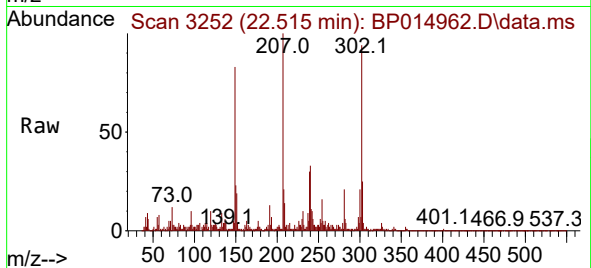
Instrument :

BNA_P

ClientSampleId :

EW937MS

Tgt Ion:149 Resp: 174749



#90

Benzo(b)fluoranthene

Concen: 38.919 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

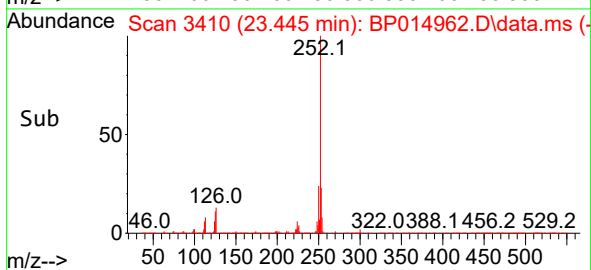
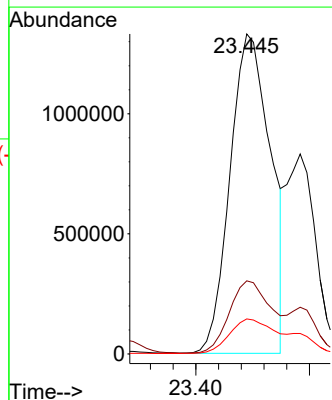
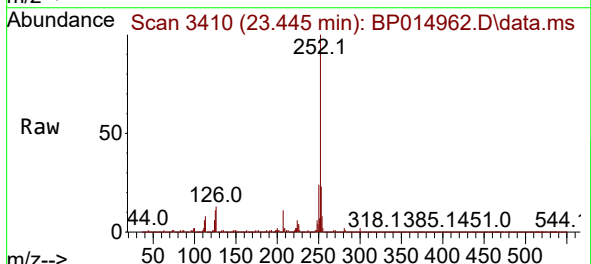
Tgt Ion:252 Resp: 3300164

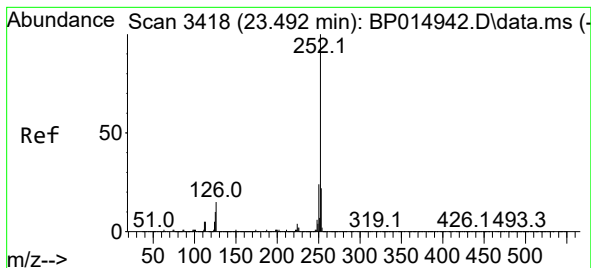
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 10.9 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 13.878 ng/ul

RT: 23.492 min Scan# 3418

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

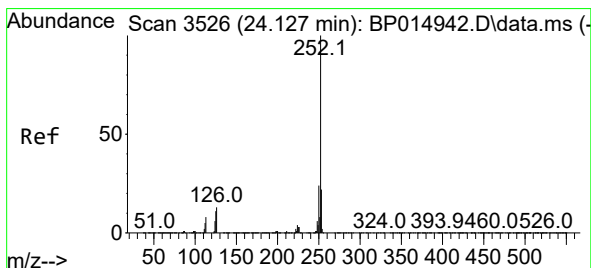
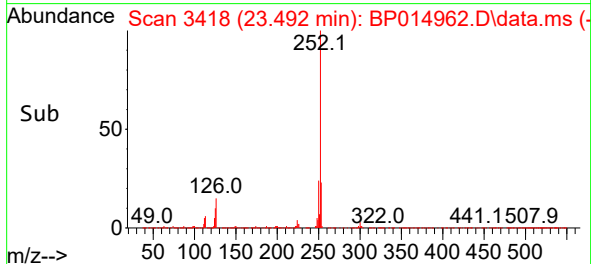
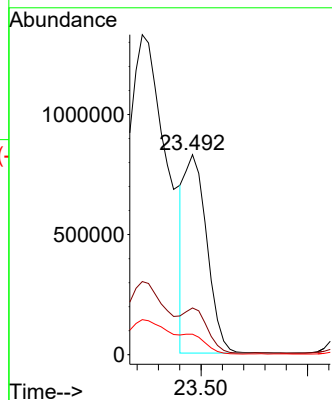
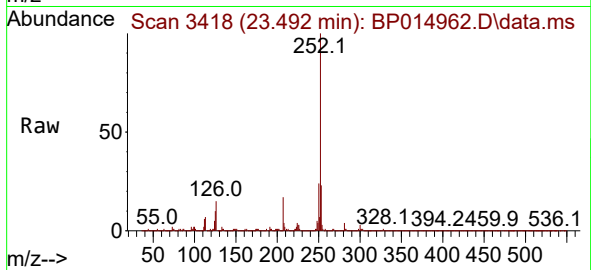
Tgt Ion:252 Resp: 1197690

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 10.2 8.9 13.3



#93

Benzo(a)pyrene

Concen: 34.162 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. -0.000 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

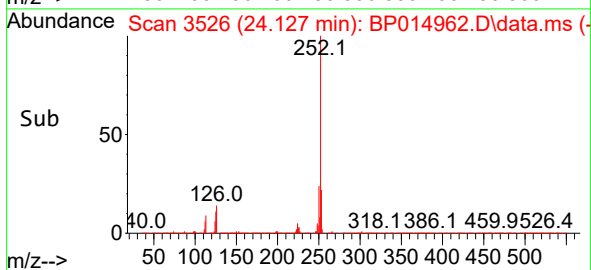
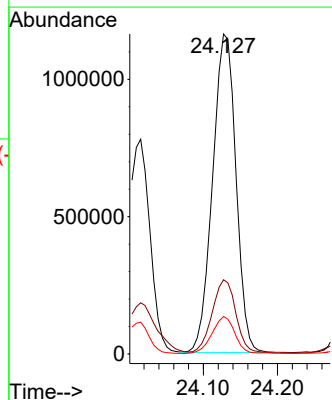
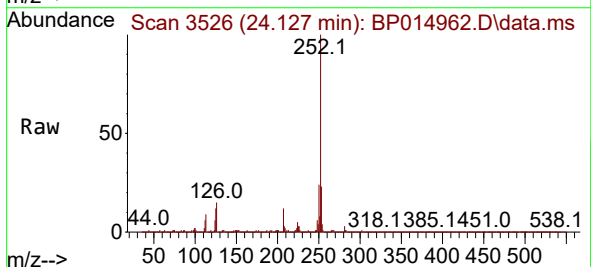
Tgt Ion:252 Resp: 2540518

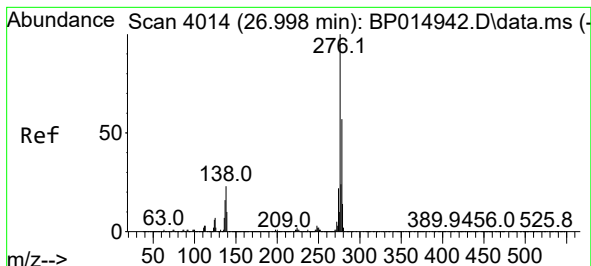
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 11.7 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.460 ng/ul

RT: 27.003 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS

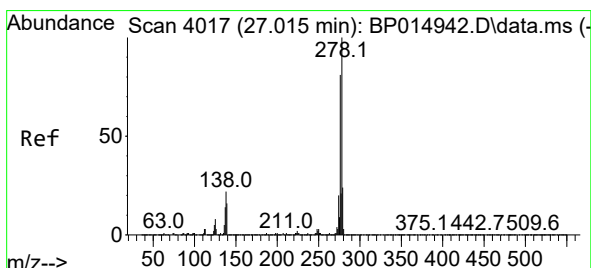
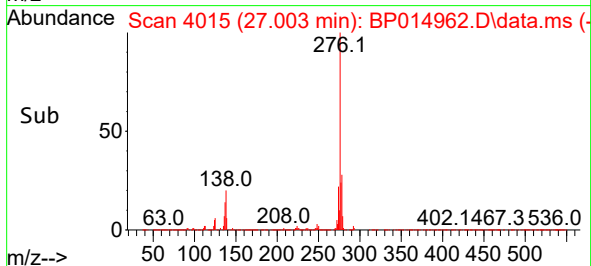
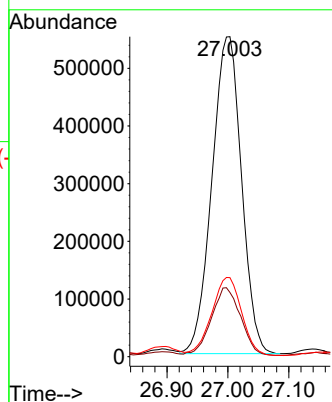
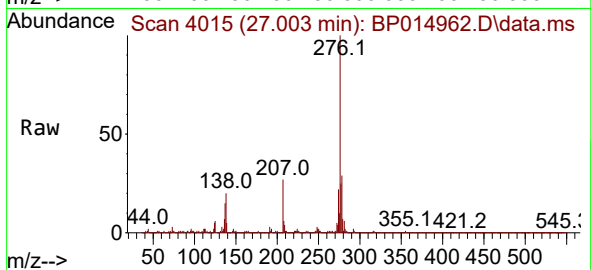
Tgt Ion:276 Resp: 1855976

Ion Ratio Lower Upper

276 100

138 20.1 19.4 29.0

277 24.7 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 8.052 ng/ul

RT: 27.009 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP014962.D

Acq: 04 May 2023 20:34

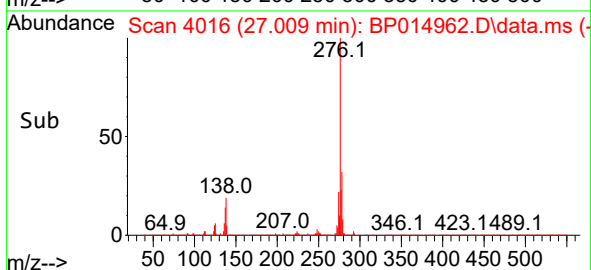
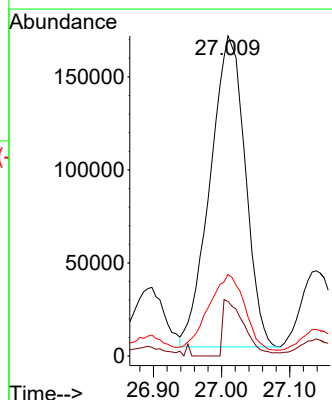
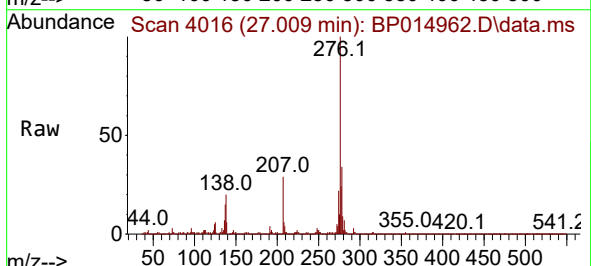
Tgt Ion:278 Resp: 598635

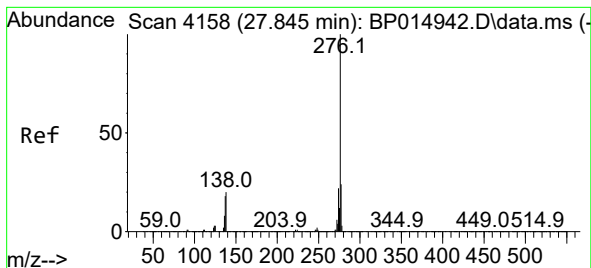
Ion Ratio Lower Upper

278 100

139 17.0 12.9 19.3

279 25.5 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 20.525 ng/ul

RT: 27.850 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP014962.D

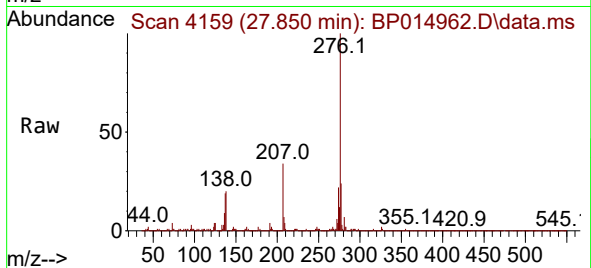
Acq: 04 May 2023 20:34

Instrument :

BNA_P

ClientSampleId :

EW937MS



Tgt Ion:276 Resp: 1584657

Ion Ratio Lower Upper

276 100

138 20.2 18.0 27.0

277 23.9 19.8 29.8

