

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014937.D
 Acq On : 03 May 2023 19:10
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW931

Quant Time: May 04 06:19:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 23:33:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	301181	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1256211	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	678428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1109787	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	788423	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	991475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	18328	2.263	ng/uL	0.00
4) Pyridine-d5	3.893	84	165	0.007	ng/ul	0.00
7) Phenol-d5	7.305	99	339267	12.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	232543	14.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	280662	14.618	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	200843	9.981	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	129759	14.524	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	136649	14.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	253628	14.080	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	115989	4.452	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	791778	16.490	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	925176	16.066	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	41364	4.952	ng/ul	0.00
60) Fluorene-d10	15.798	176	647897	15.684	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	50656	8.108	ng/ul	0.00
73) Anthracene-d10	17.663	188	787689	15.797	ng/ul	0.00
81) Pyrene-d10	19.886	212	786461	14.790	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	822037	17.016	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	152	0.017	ng/ul#	21
5) Pyridine	3.905	79	376	0.016	ng/ul#	1
6) Benzaldehyde	7.287	77	12451	1.744	ng/ul	93
8) Phenol	7.334	94	35017	1.277	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.587	93	748	0.033	ng/ul#	46
12) 2-Chlorophenol	7.716	128	143	0.007	ng/ul#	1
13) 2-Methylphenol	8.611	108	306	0.015	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.687	45	47	0.002	ng/ul#	1
16) Acetophenone	8.993	105	215552	6.551	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.958	70	317	0.019	ng/ul#	58
18) 4-Methylphenol	8.934	108	5650	0.250	ng/ul	99
19) Hexachloroethane	9.281	117	1042	0.115	ng/ul#	13
22) Nitrobenzene	9.369	77	474	0.020	ng/ul#	31
23) Isophorone	9.905	82	1546	0.033	ng/ul#	60
25) 2-Nitrophenol	10.105	139	135	0.013	ng/ul#	1
26) 2,4-Dimethylphenol	10.152	107	446	0.019	ng/ul#	63
27) Bis(2-Chloroethoxy)met...	10.399	93	901	0.030	ng/ul#	1
29) 2,4-Dichlorophenol	10.634	162	373	0.020	ng/ul#	1
30) Naphthalene	11.052	128	37193	0.539	ng/ul	99
32) 4-Chloroaniline	11.163	127	153	0.006	ng/ul#	6
33) Hexachlorobutadiene	11.281	225	8	0.001	ng/ul	91
34) Caprolactam	11.934	113	50	0.009	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.263	107	207	0.011	ng/ul#	62
36) 2-Methylnaphthalene	12.646	142	26494	0.620	ng/ul	98

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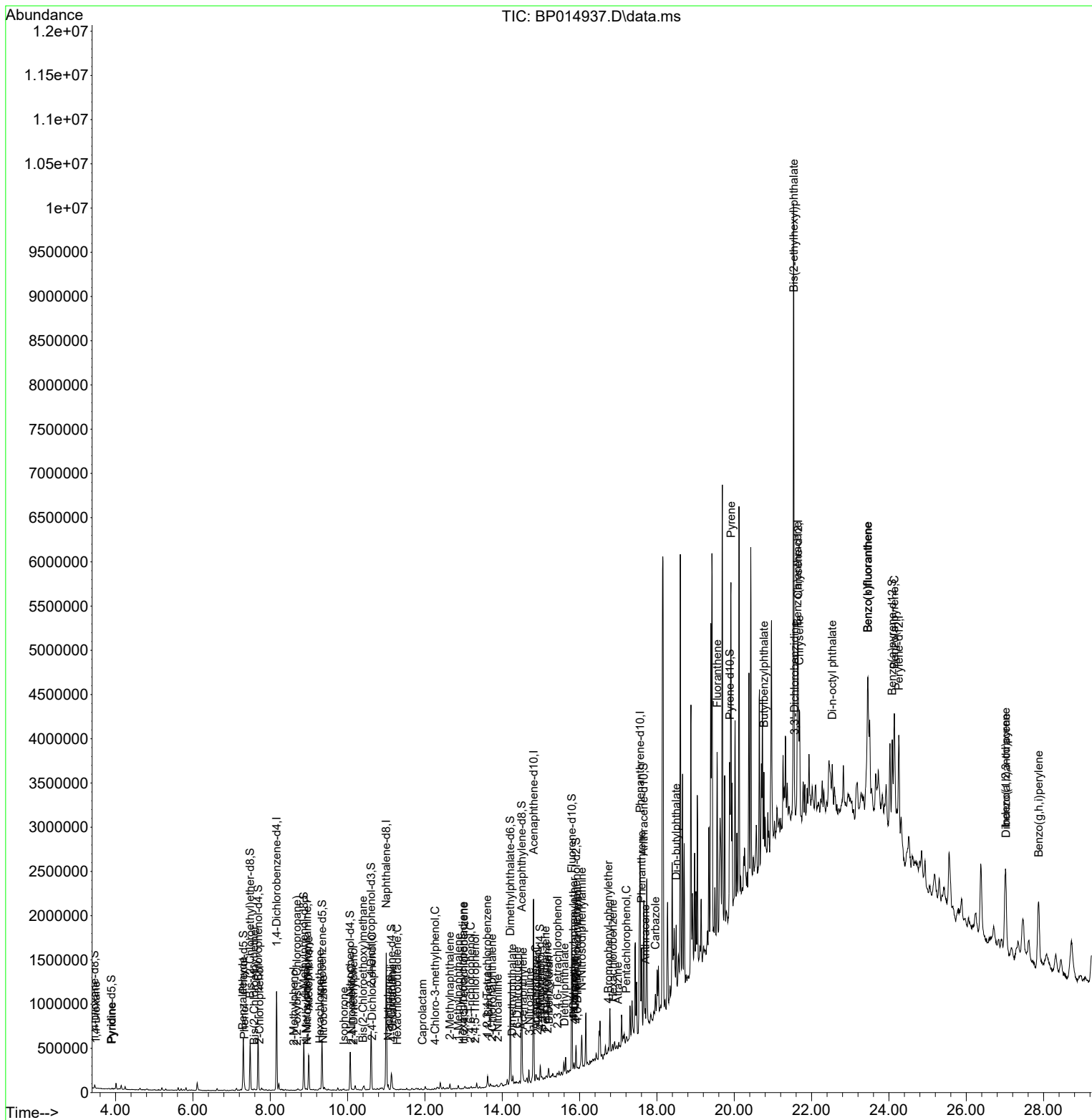
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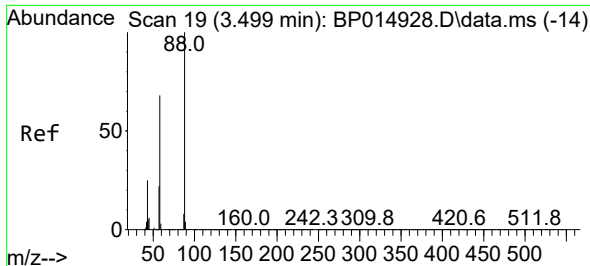
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	17506	0.398	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.010	216	746	0.035	ng/ul#	42
40) Hexachlorocyclopentadiene	12.987	237	19	0.001	ng/ul#	13
41) 2,4,6-Trichlorophenol	13.181	196	14	0.001	ng/ul	86
42) 2,4,5-Trichlorophenol	13.304	196	330	0.023	ng/ul#	47
43) 1,1'-Biphenyl	13.646	154	12017	0.222	ng/ul	94
44) 2-Chloronaphthalene	13.740	162	1060	0.025	ng/ul	97
45) 2-Nitroaniline	13.887	65	224	0.023	ng/ul#	55
47) Dimethylphthalate	14.257	163	11085	0.220	ng/ul#	90
48) 2,6-Dinitrotoluene	14.387	165	50	0.006	ng/ul#	1
50) Acenaphthylene	14.534	152	43535	0.667	ng/ul	93
51) 3-Nitroaniline	14.704	138	904	0.112	ng/ul#	40
52) Acenaphthene	14.869	153	28762	0.637	ng/ul	96
53) 2,4-Dinitrophenol	14.910	184	46	0.008	ng/ul#	1
55) 4-Nitrophenol	14.998	109	529	0.083	ng/ul#	7
56) Dibenzofuran	15.204	168	34898	0.572	ng/ul	96
57) 2,4-Dinitrotoluene	15.169	165	536	0.043	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.428	232	365	0.032	ng/ul#	1
59) Diethylphthalate	15.610	149	8498	0.178	ng/ul#	80
61) Fluorene	15.857	166	33193	0.690	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	171	0.007	ng/ul#	1
63) 4-Nitroaniline	15.875	138	174	0.026	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.940	198	53	0.008	ng/ul#	1
67) N-Nitrosodiphenylamine	16.057	169	9456	0.281	ng/ul#	76
68) 4-Bromophenyl-phenylether	16.745	248	148	0.013	ng/ul#	1
69) Hexachlorobenzene	16.863	284	682	0.050	ng/ul#	1
70) Atrazine	16.992	200	155	0.014	ng/ul#	1
71) Pentachlorophenol	17.204	266	669	0.084	ng/ul	86
72) Phenanthrene	17.604	178	543434	8.864	ng/ul	98
74) Anthracene	17.698	178	139945	2.293	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.610	216	871	0.047	ng/uL	93
76) Pentachlorobenzene	15.122	250	1522	0.087	ng/ul#	87
77) Carbazole	17.963	167	57890	1.128	ng/ul#	92
78) Di-n-butylphthalate	18.498	149	505818	8.811	ng/ul	99
80) Fluoranthene	19.557	202	1242610	19.044	ng/ul	99
82) Pyrene	19.916	202	1177324	17.030	ng/ul	99
83) Butylbenzylphthalate	20.769	149	285029	13.733	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.557	252	4667	0.352	ng/ul#	42
85) Benzo(a)anthracene	21.633	228	731527	13.901	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.539	149	3027425	115.924	ng/ul#	98
87) Chrysene	21.686	228	782198	14.762	ng/ul	97
89) Di-n-octyl phthalate	22.533	149	241673	4.175	ng/ul	100
90) Benzo(b)fluoranthene	23.457	252	1495625	23.341	ng/ul#	93
91) Benzo(k)fluoranthene	23.457	252	1495625	22.934	ng/ul#	94
93) Benzo(a)pyrene	24.139	252	926876	16.494	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.021	276	925125	13.496	ng/ul	97
95) Dibenzo(a,h)anthracene	27.027	278	226923	4.039	ng/ul#	87
96) Benzo(g,h,i)perylene	27.874	276	1034053	17.724	ng/ul	97

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

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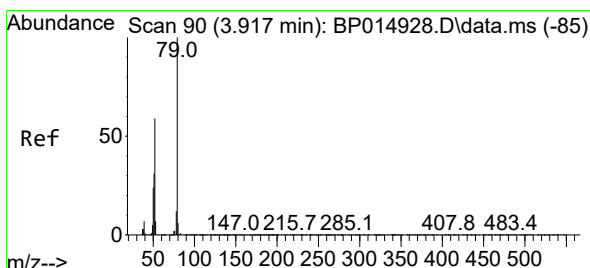
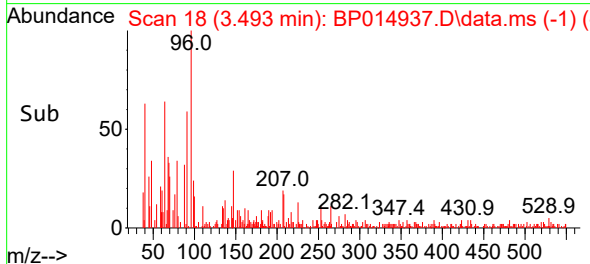
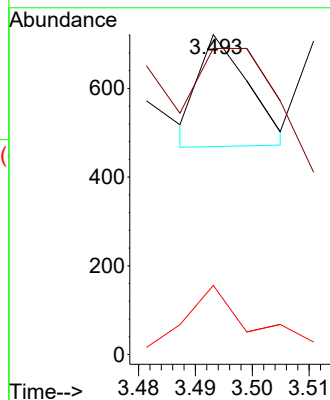
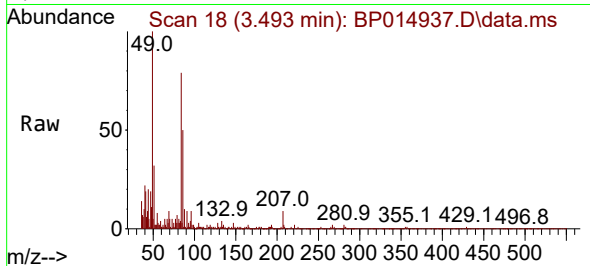




#2
1,4-Dioxane
Concen: 0.017 ng/uL
RT: 3.493 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

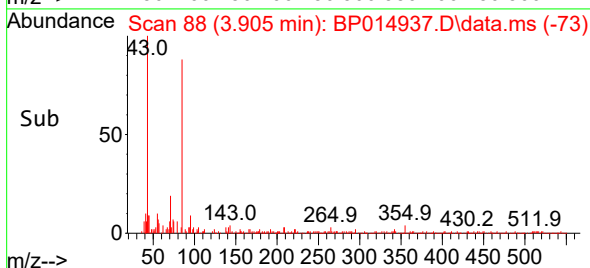
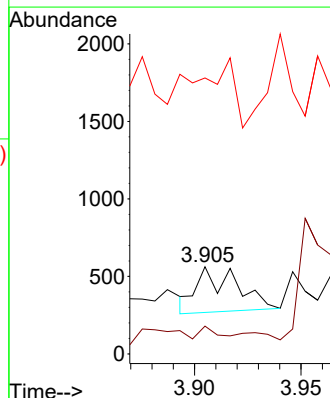
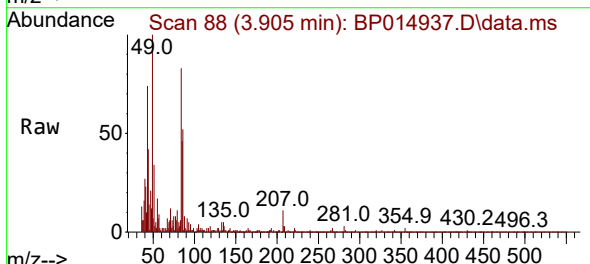
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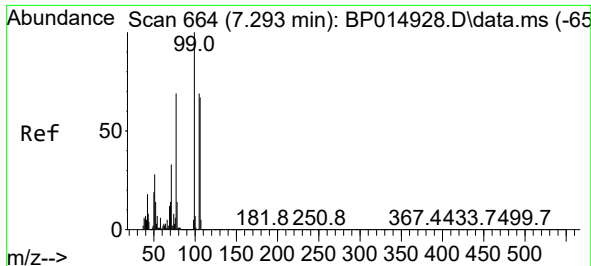
Tgt Ion: 88 Resp: 152
Ion Ratio Lower Upper
88 100
43 95.7 20.6 31.0#
58 21.6 54.4 81.6#



#5
Pyridine
Concen: 0.016 ng/uL
RT: 3.905 min Scan# 88
Delta R.T. -0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion: 79 Resp: 376
Ion Ratio Lower Upper
79 100
52 32.0 54.7 82.1#
51 316.7 25.5 38.3#

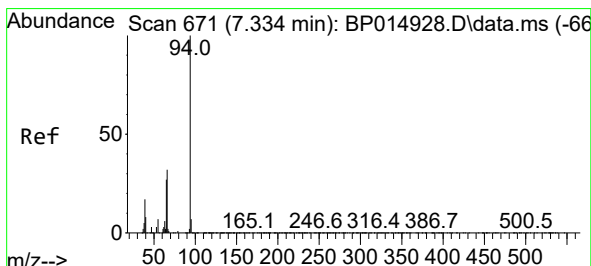
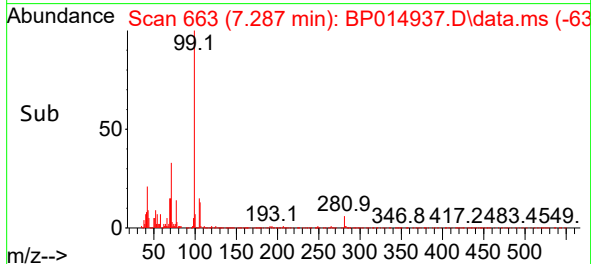
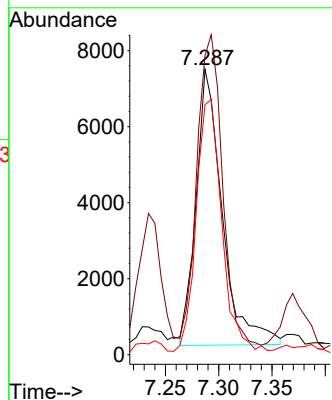
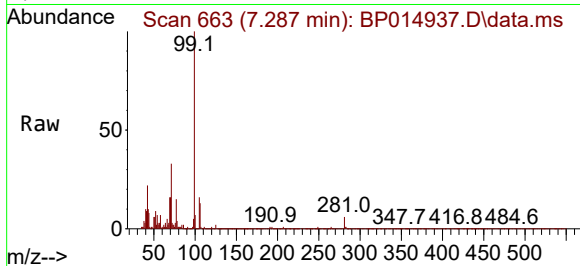




#6
Benzaldehyde
Concen: 1.744 ng/ul
RT: 7.287 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

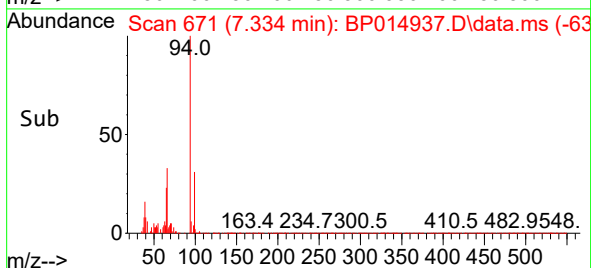
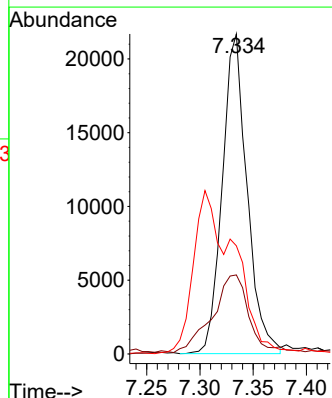
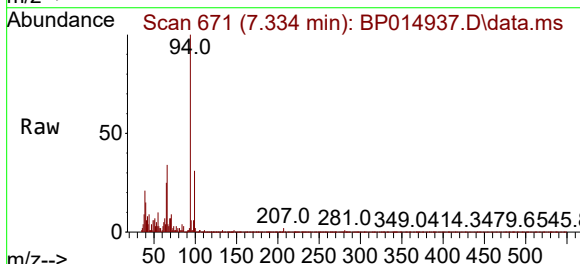
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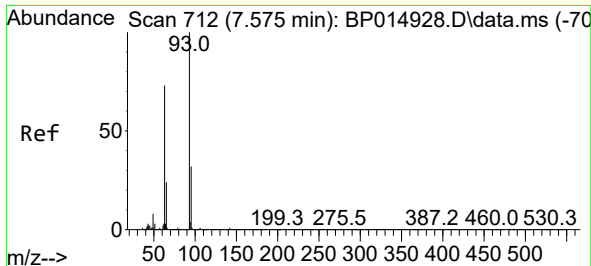
Tgt Ion: 77 Resp: 12451
Ion Ratio Lower Upper
77 100
105 104.8 80.7 121.1
106 87.6 77.6 116.4



#8
Phenol
Concen: 1.277 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion: 94 Resp: 35017
Ion Ratio Lower Upper
94 100
65 24.7 21.4 32.0
66 33.8 25.8 38.8

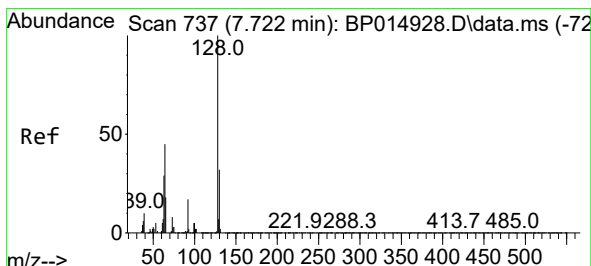
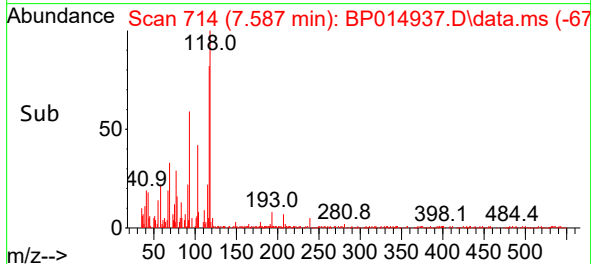
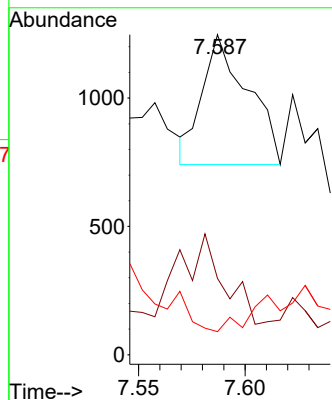
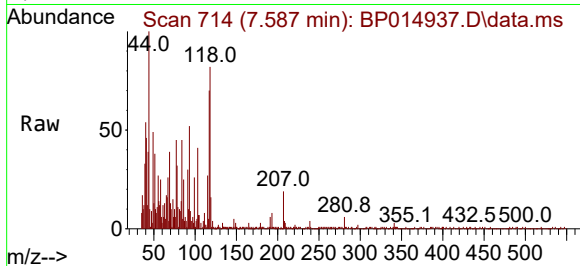




#10
Bis(2-Chloroethyl)ether
Concen: 0.033 ng/ul
RT: 7.587 min Scan# 714
Delta R.T. 0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

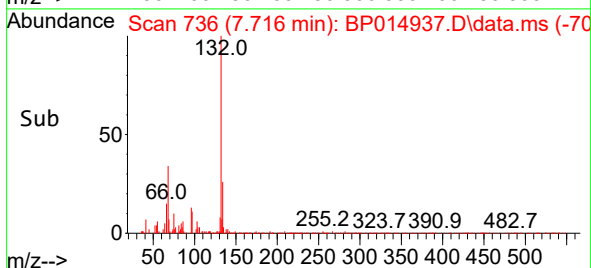
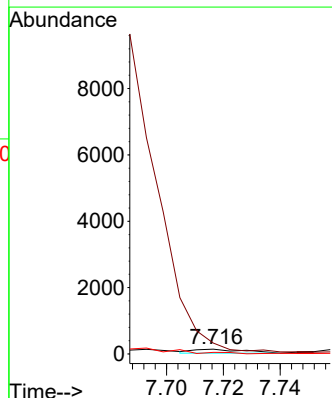
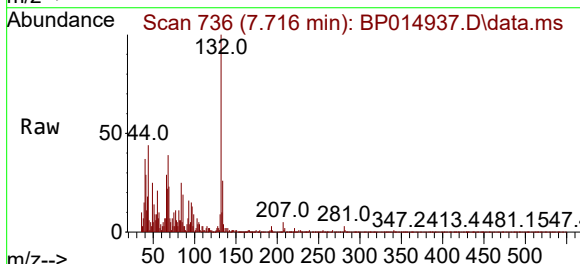
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ClientSampleId :
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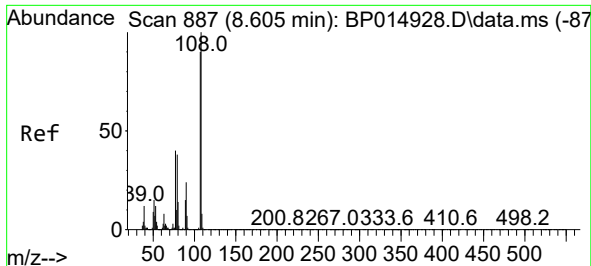
Tgt Ion: 93 Resp: 748
Ion Ratio Lower Upper
93 100
63 23.9 58.1 87.1#
95 7.2 26.0 39.0#



#12
2-Chlorophenol
Concen: 0.007 ng/ul
RT: 7.716 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion: 128 Resp: 143
Ion Ratio Lower Upper
128 100
64 230.8 36.6 55.0#
130 35.7 25.8 38.8





#13

2-Methylphenol

Concen: 0.015 ng/ul

RT: 8.611 min Scan# 887

Delta R.T. 0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

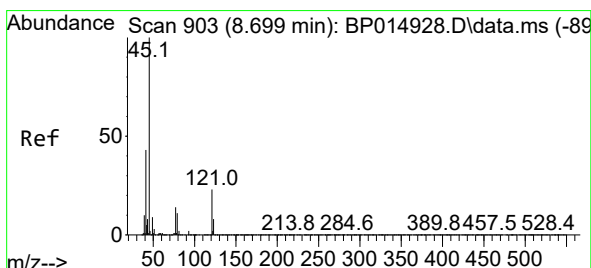
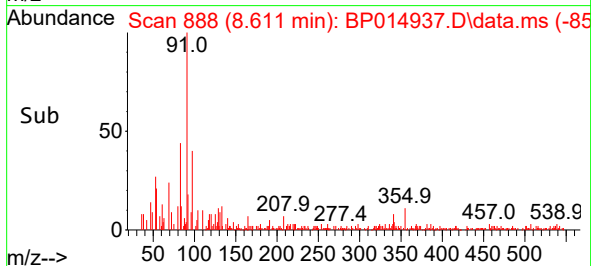
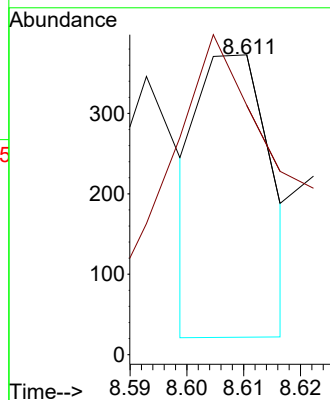
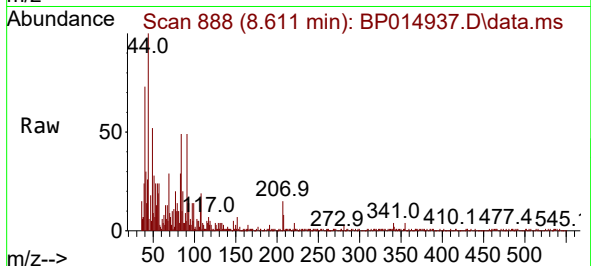
EW931

Tgt Ion:108 Resp: 306

Ion Ratio Lower Upper

108 100

107 83.1 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 0.002 ng/ul

RT: 8.687 min Scan# 901

Delta R.T. -0.012 min

Lab File: BP014937.D

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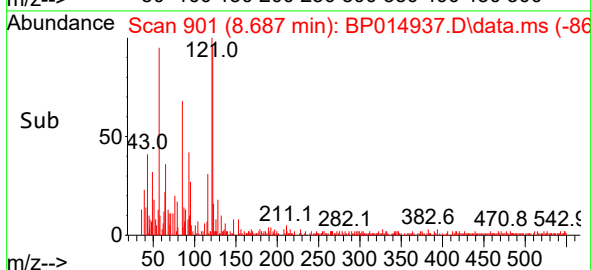
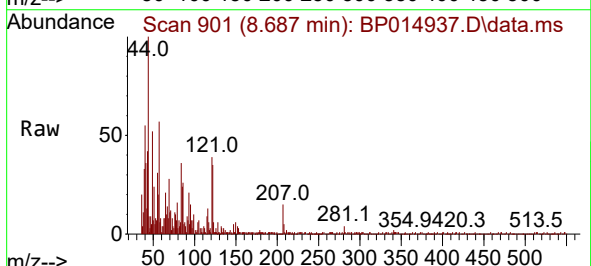
Tgt Ion: 45 Resp: 47

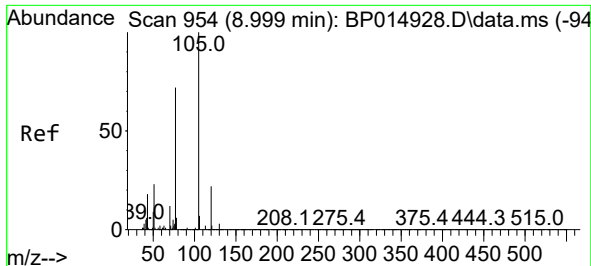
Ion Ratio Lower Upper

45 100

77 91.1 12.3 18.5#

79 146.0 9.5 14.3#

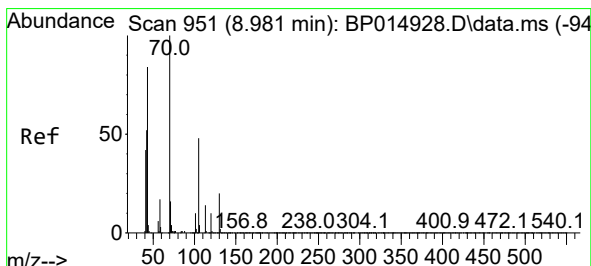
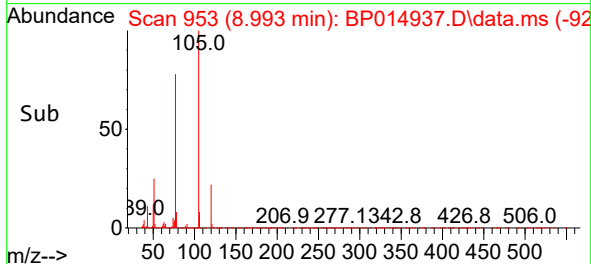
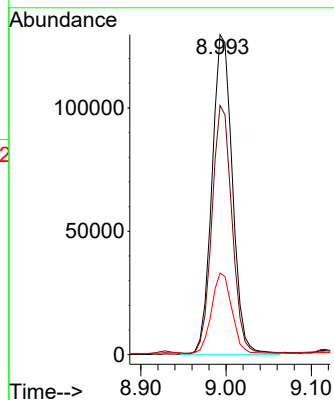
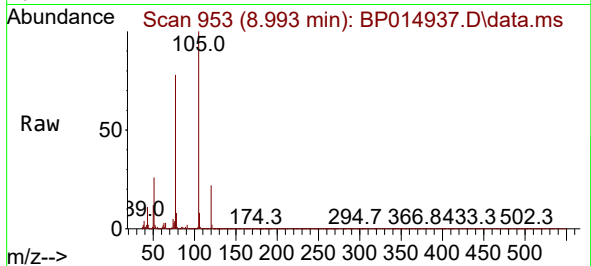




#16
Acetophenone
Concen: 6.551 ng/ul
RT: 8.993 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014937.D
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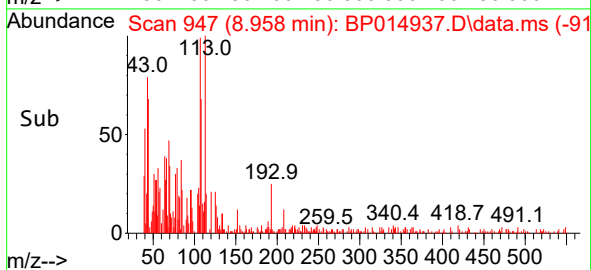
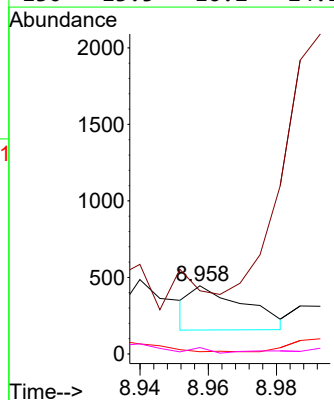
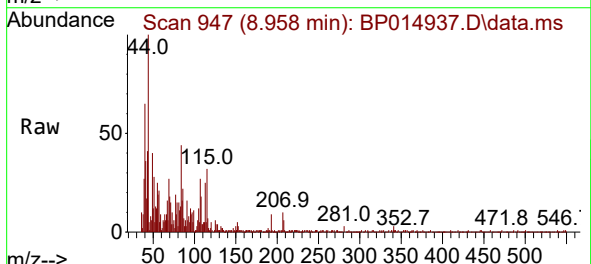
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ClientSampleId :
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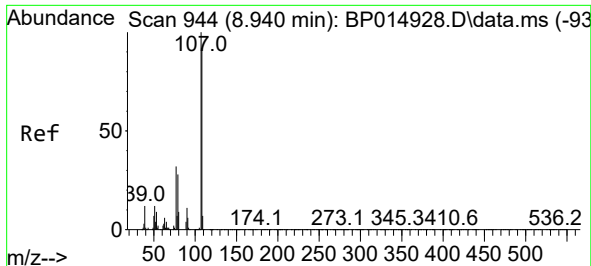
Tgt Ion:105 Resp: 215552
Ion Ratio Lower Upper
105 100
77 77.8 61.2 91.8
51 25.5 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 0.019 ng/ul
RT: 8.958 min Scan# 947
Delta R.T. -0.024 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion: 70 Resp: 317
Ion Ratio Lower Upper
70 100
42 92.8 41.9 62.9#
101 3.1 7.7 11.5#
130 13.5 16.2 24.2#

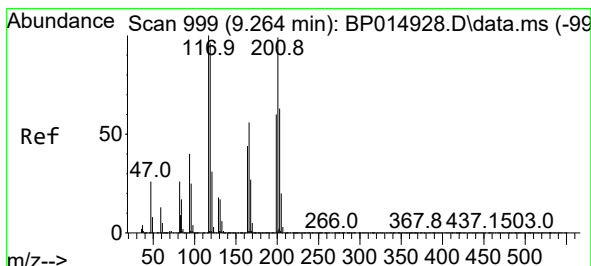
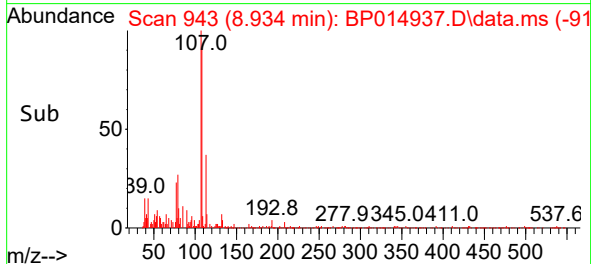
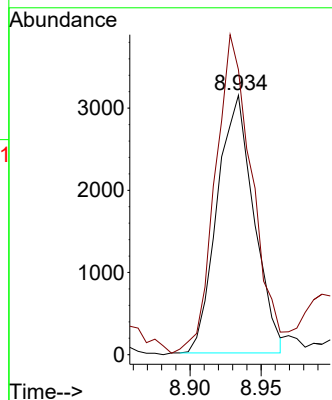
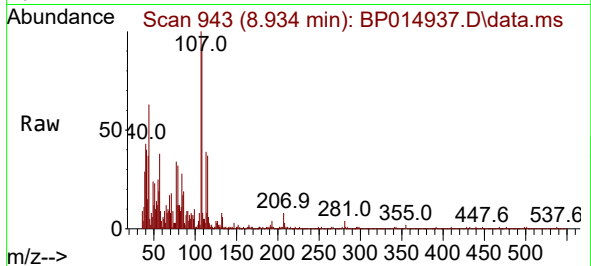




#18
4-Methylphenol
Concen: 0.250 ng/ul
RT: 8.934 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

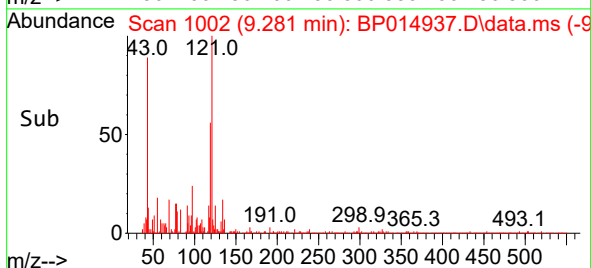
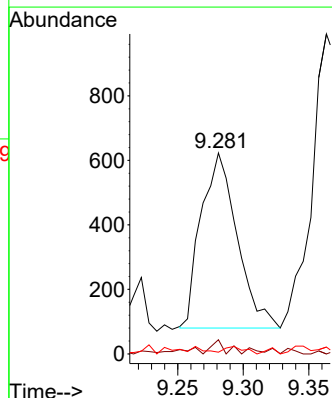
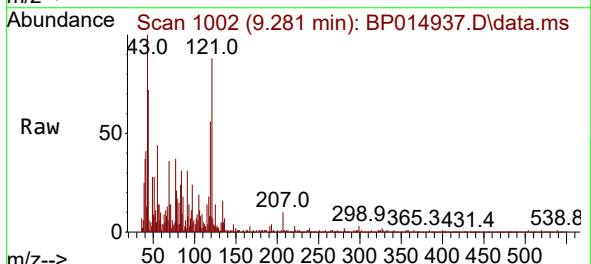
Instrument :
BNA_P
ClientSampleId :
EW931

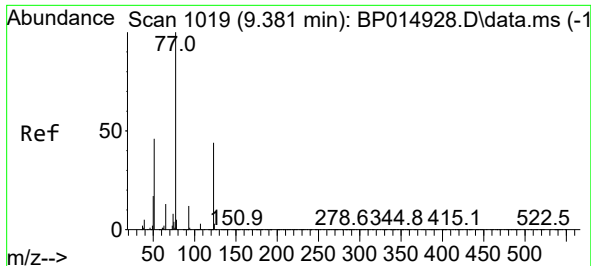
Tgt Ion:108 Resp: 5650
Ion Ratio Lower Upper
108 100
107 109.9 87.2 130.8



#19
Hexachloroethane
Concen: 0.115 ng/ul
RT: 9.281 min Scan# 1002
Delta R.T. 0.018 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:117 Resp: 1042
Ion Ratio Lower Upper
117 100
201 7.1 78.9 118.3#
199 0.8 48.3 72.5#

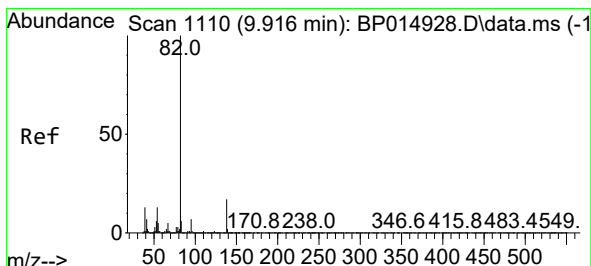
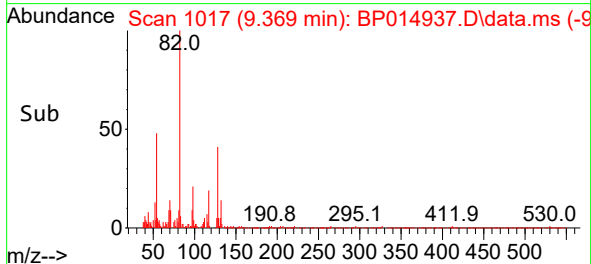
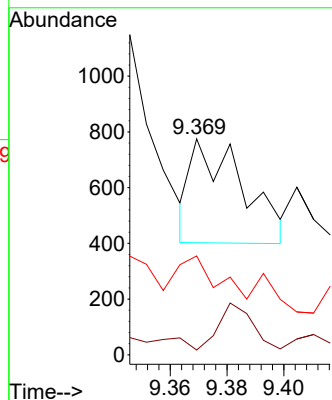
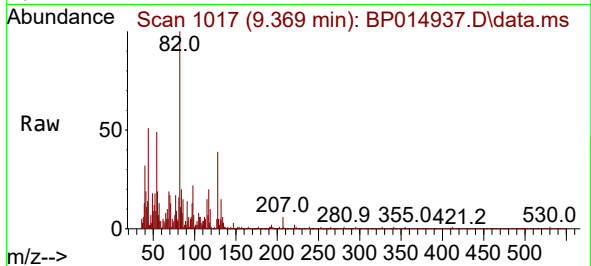




#22
Nitrobenzene
Concen: 0.020 ng/ul
RT: 9.369 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

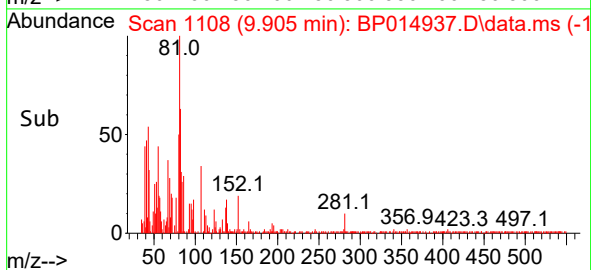
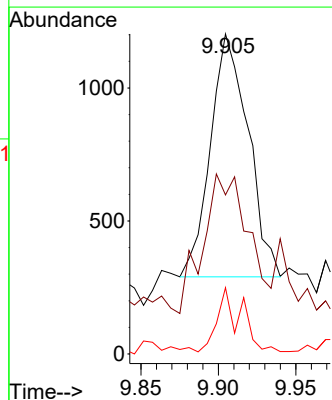
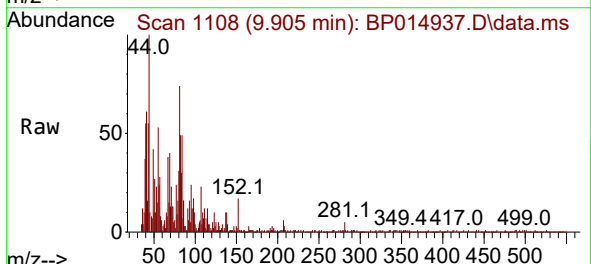
Instrument :
BNA_P
ClientSampleId :
EW931

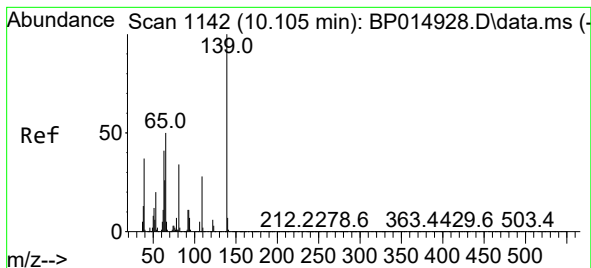
Tgt Ion: 77 Resp: 474
Ion Ratio Lower Upper
77 100
123 2.2 34.8 52.2#
65 45.8 10.2 15.2#



#23
Isophorone
Concen: 0.033 ng/ul
RT: 9.905 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion: 82 Resp: 1546
Ion Ratio Lower Upper
82 100
95 49.7 5.3 7.9#
138 20.7 13.9 20.9





#25

2-Nitrophenol

Concen: 0.013 ng/ul

RT: 10.105 min Scan# 1142

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

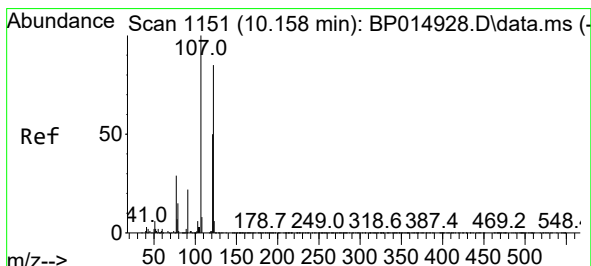
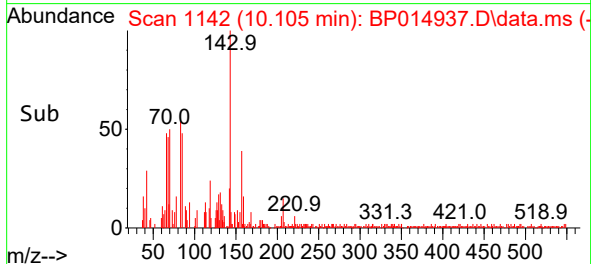
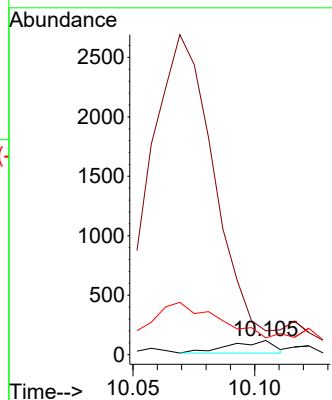
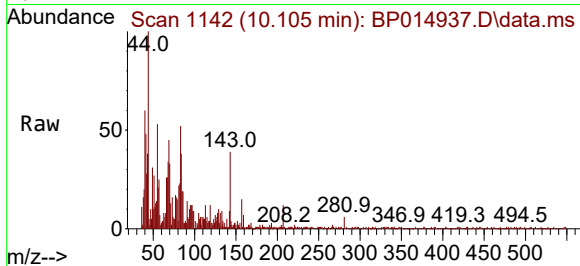
Tgt Ion:139 Resp: 135

Ion Ratio Lower Upper

139 100

65 168.1 40.5 60.7#

109 118.5 22.4 33.6#



#26

2,4-Dimethylphenol

Concen: 0.019 ng/ul

RT: 10.152 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

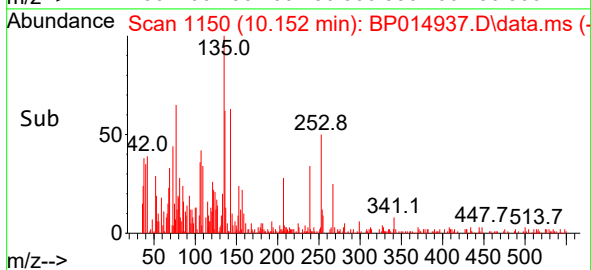
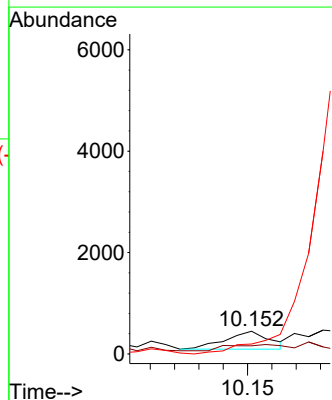
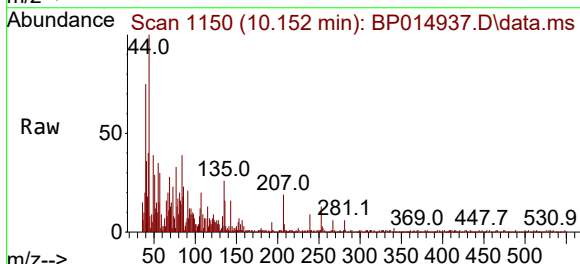
Tgt Ion:107 Resp: 446

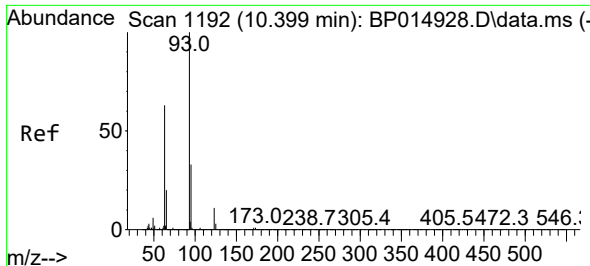
Ion Ratio Lower Upper

107 100

121 36.0 40.2 60.2#

122 43.6 69.6 104.4#

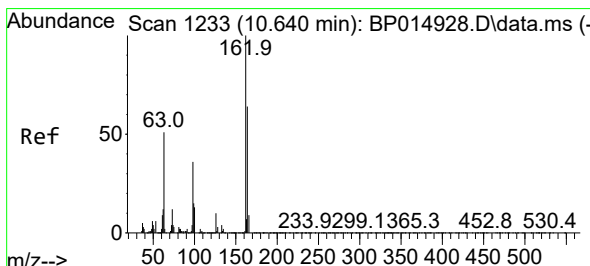
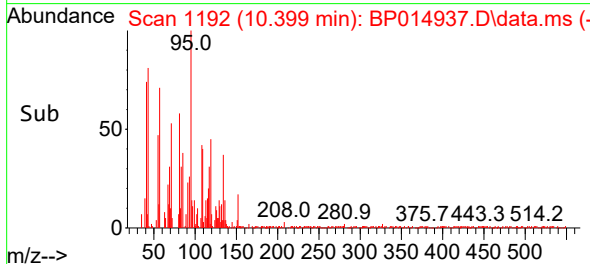
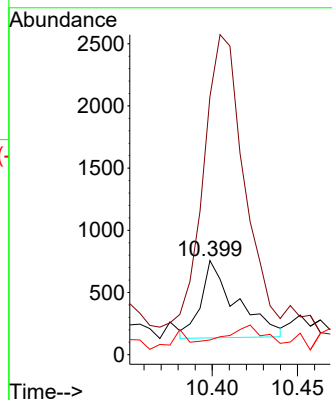
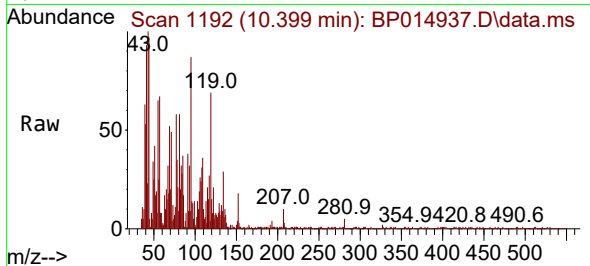




#27
 Bis(2-Chloroethoxy)methane
 Concen: 0.030 ng/ul
 RT: 10.399 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BP014937.D
 Acq: 03 May 2023 19:10

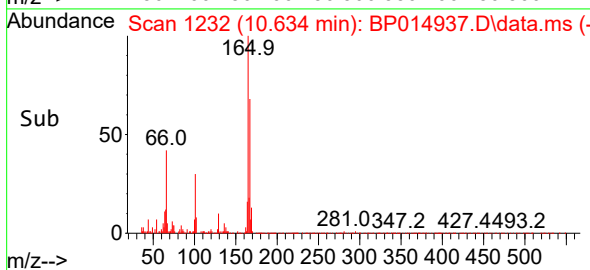
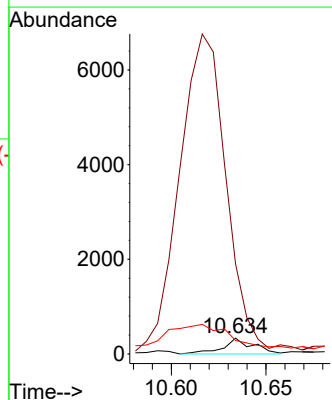
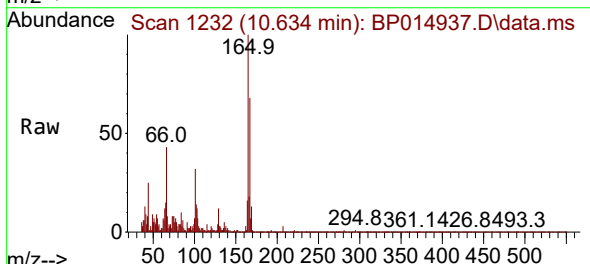
Instrument :
 BNA_P
 ClientSampleId :
 EW931

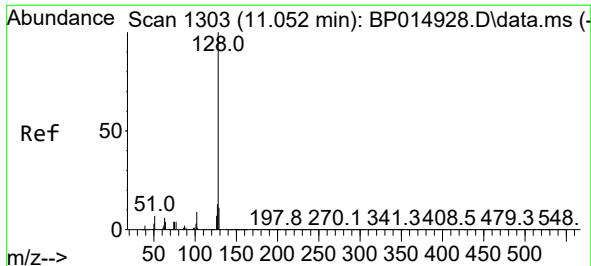
Tgt Ion: 93 Resp: 901
 Ion Ratio Lower Upper
 93 100
 95 274.4 26.1 39.1#
 123 15.7 9.0 13.4#



#29
 2,4-Dichlorophenol
 Concen: 0.020 ng/ul
 RT: 10.634 min Scan# 1232
 Delta R.T. -0.006 min
 Lab File: BP014937.D
 Acq: 03 May 2023 19:10

Tgt Ion: 162 Resp: 373
 Ion Ratio Lower Upper
 162 100
 164 567.8 51.5 77.3#
 98 84.8 28.8 43.2#

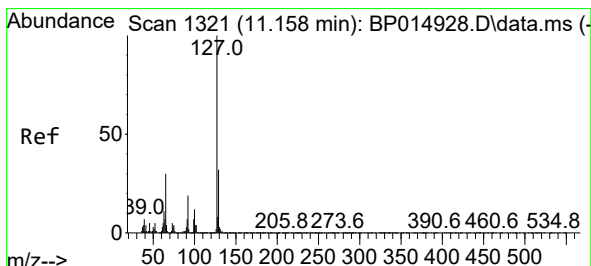
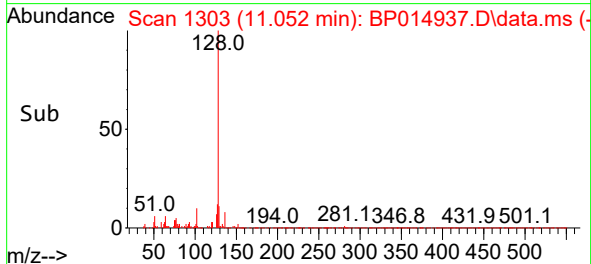
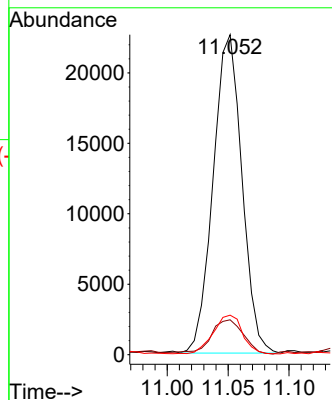
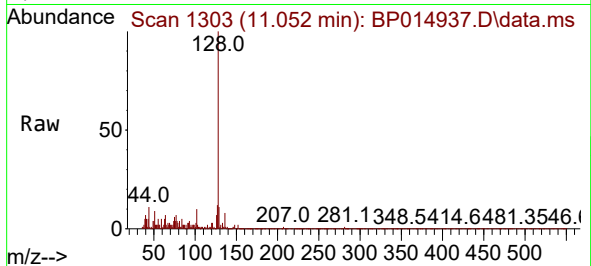




#30
Naphthalene
Concen: 0.539 ng/ul
RT: 11.052 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

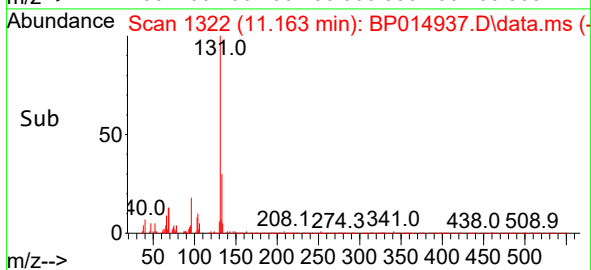
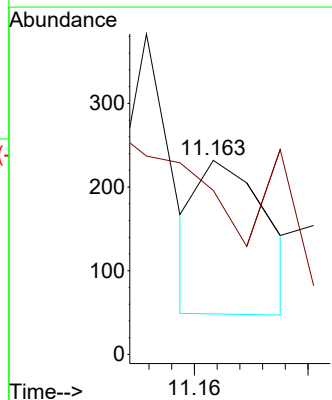
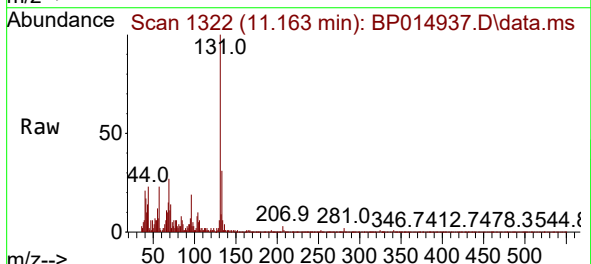
Instrument :
BNA_P
ClientSampleId :
EW931

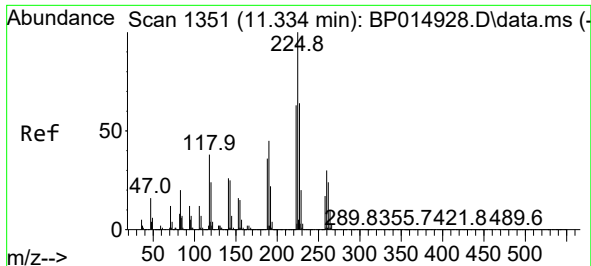
Tgt Ion:	128	Resp:	37193
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.7	13.1
127	12.3	10.4	15.6



#32
4-Chloroaniline
Concen: 0.006 ng/ul
RT: 11.163 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:	127	Resp:	153
Ion Ratio	Lower	Upper	
127	100		
129	84.5	25.5	38.3#

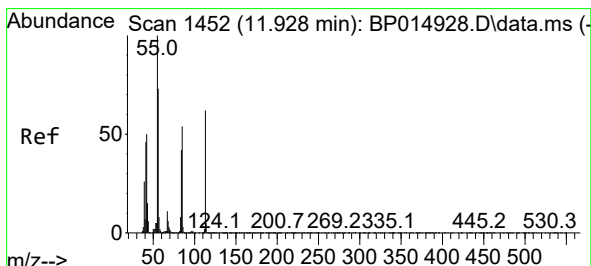
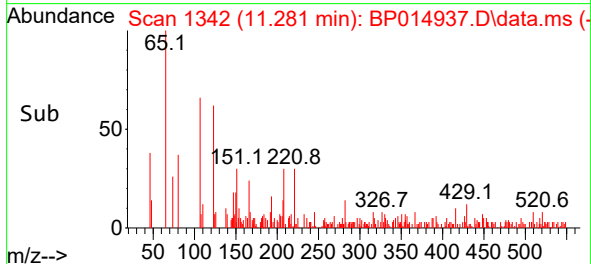
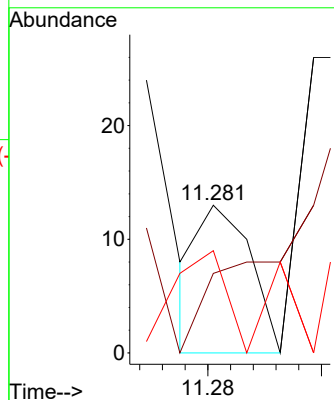
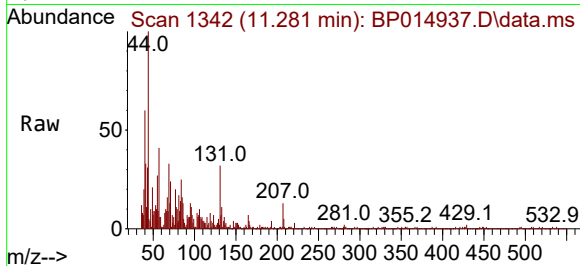




#33
Hexachlorobutadiene
Concen: 0.001 ng/ul
RT: 11.281 min Scan# 11
Delta R.T. -0.053 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

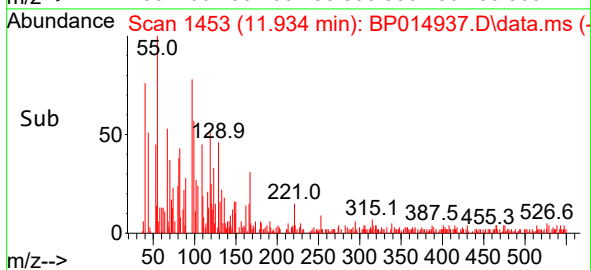
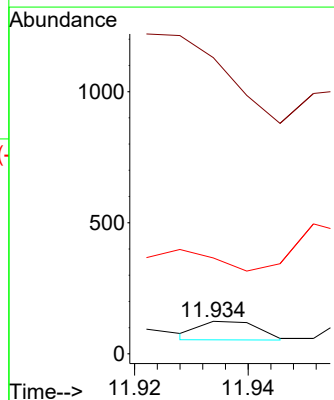
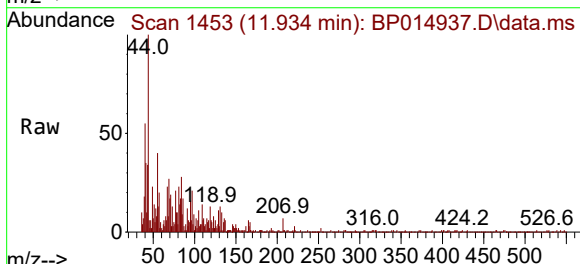
Instrument :
BNA_P
ClientSampleId :
EW931

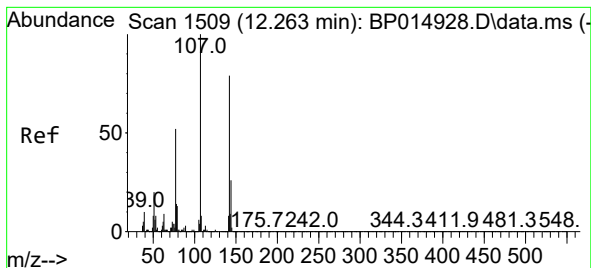
Tgt Ion:	225	Resp:	8
Ion Ratio	Lower	Upper	
225	100		
223	53.8	50.6	76.0
227	69.2	51.4	77.0



#34
Caprolactam
Concen: 0.009 ng/ul
RT: 11.934 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:	113	Resp:	50
Ion Ratio	Lower	Upper	
113	100		
55	911.3	128.5	192.7#
56	295.2	94.3	141.5#

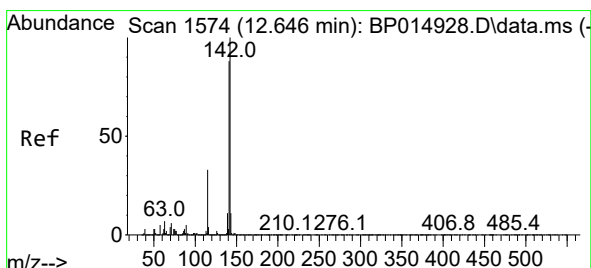
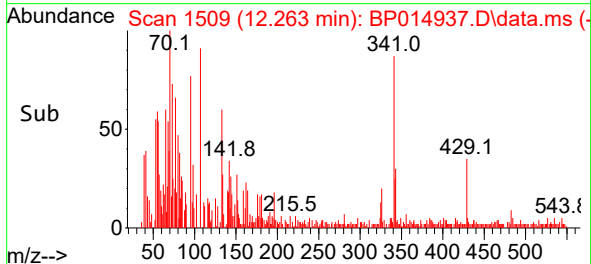
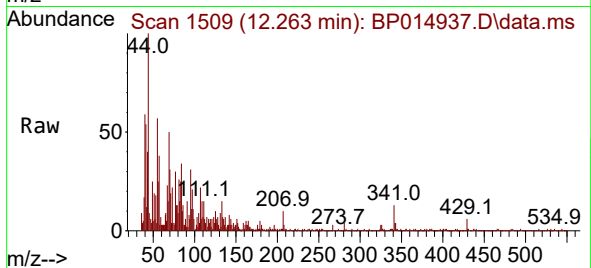




#35
4-Chloro-3-methylphenol
Concen: 0.011 ng/ul
RT: 12.263 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

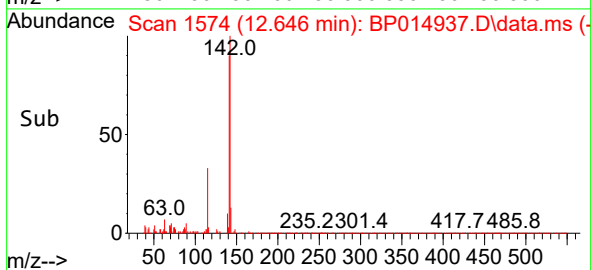
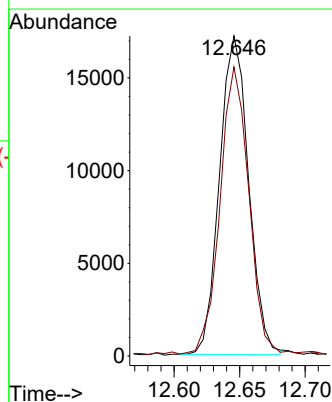
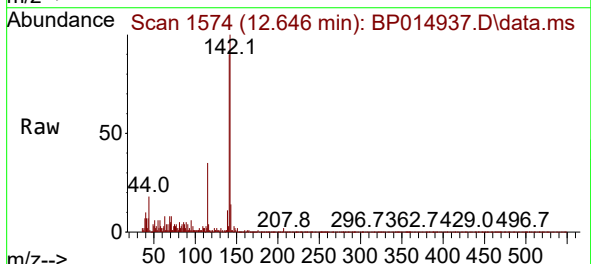
Instrument :
BNA_P
ClientSampleId :
EW931

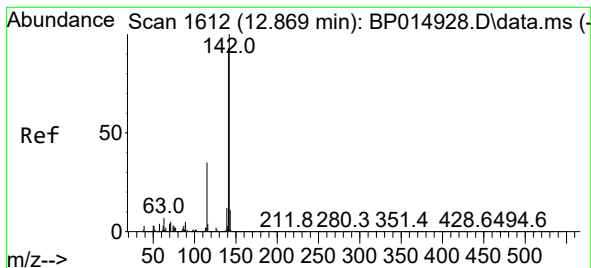
Tgt Ion:107 Resp: 207
Ion Ratio Lower Upper
107 100
144 25.6 20.6 30.8
142 35.2 63.2 94.8#



#36
2-Methylnaphthalene
Concen: 0.620 ng/ul
RT: 12.646 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:142 Resp: 26494
Ion Ratio Lower Upper
142 100
141 90.3 70.5 105.7





#37

1-Methylnaphthalene

Concen: 0.398 ng/ul

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

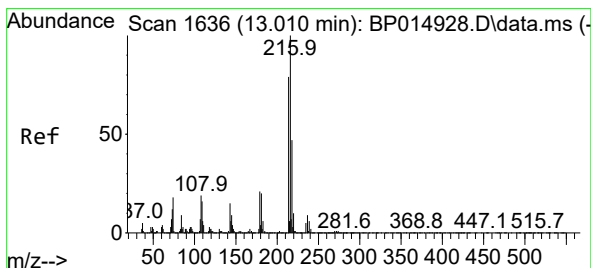
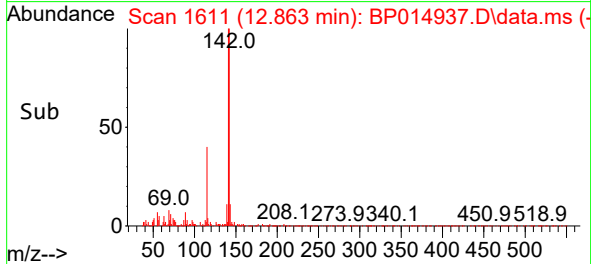
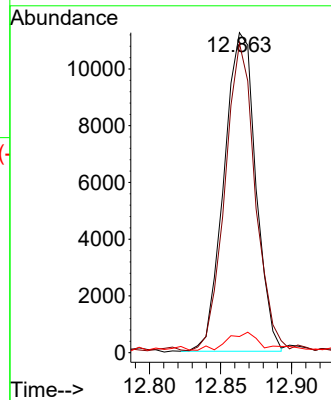
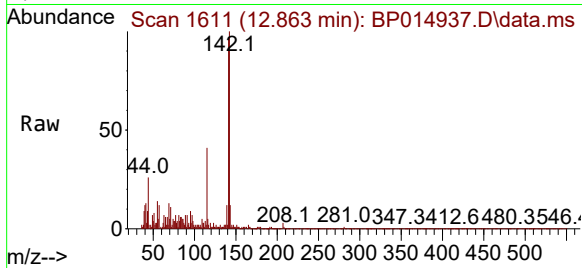
Tgt Ion:142 Resp: 17506

Ion Ratio Lower Upper

142 100

141 96.7 74.4 111.6

116 5.1 2.9 4.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.035 ng/ul

RT: 13.010 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Tgt Ion:216 Resp: 746

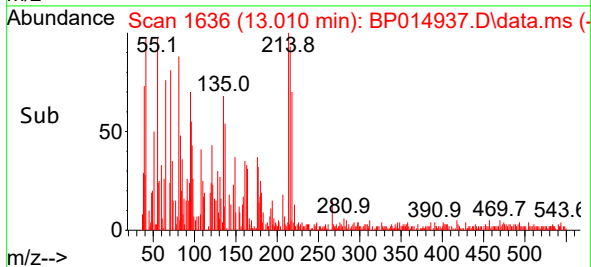
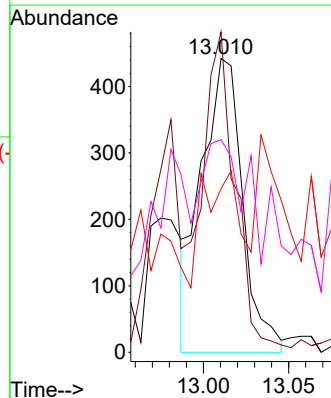
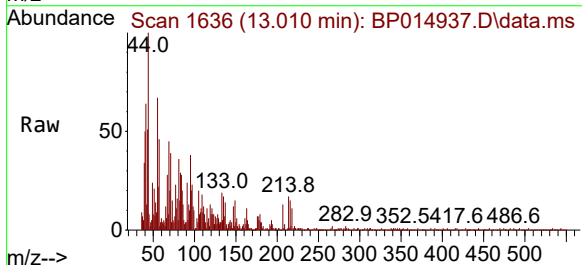
Ion Ratio Lower Upper

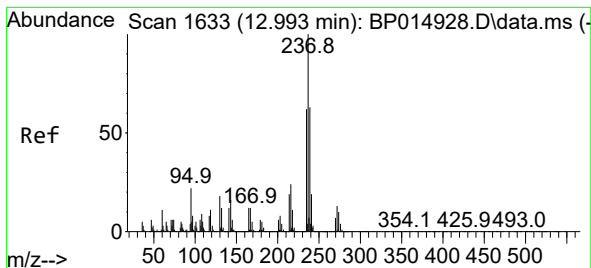
216 100

214 112.7 63.0 94.4#

179 55.7 16.9 25.3#

108 72.4 14.9 22.3#





#40

Hexachlorocyclopentadiene

Concen: 0.001 ng/ul

RT: 12.987 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

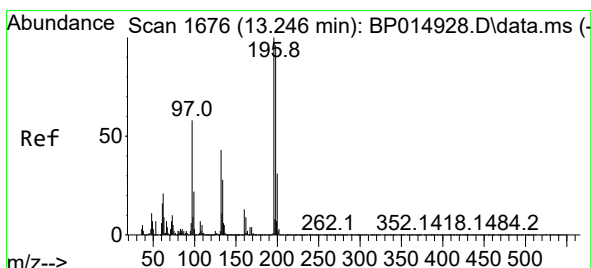
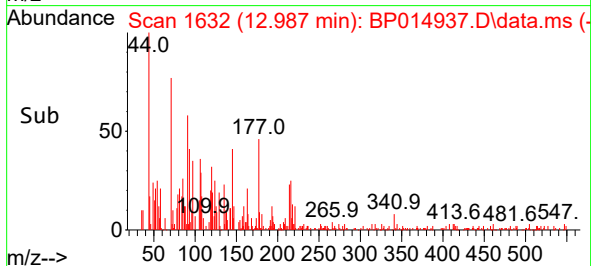
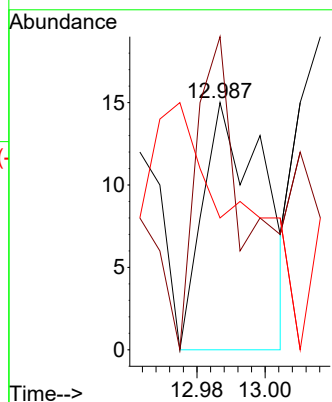
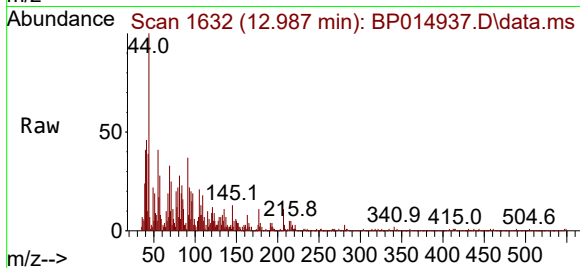
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 126.7 49.9 74.9#

272 53.3 10.0 15.0#



#41

2,4,6-Trichlorophenol

Concen: 0.001 ng/ul

RT: 13.181 min Scan# 1665

Delta R.T. -0.065 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

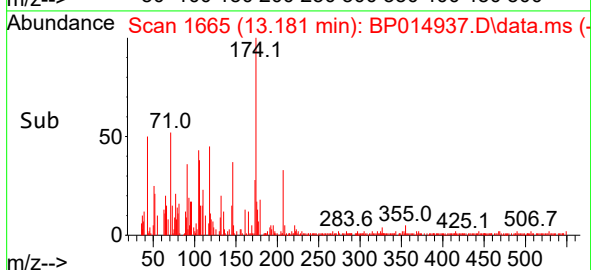
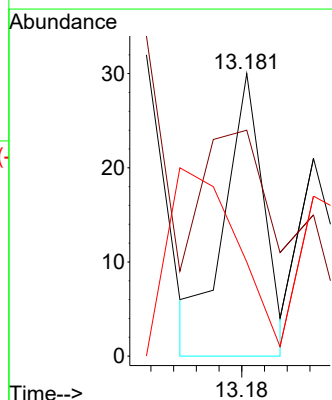
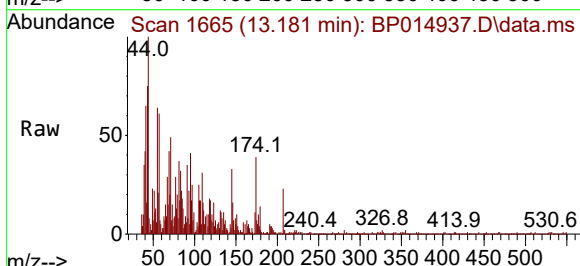
Tgt Ion:196 Resp: 14

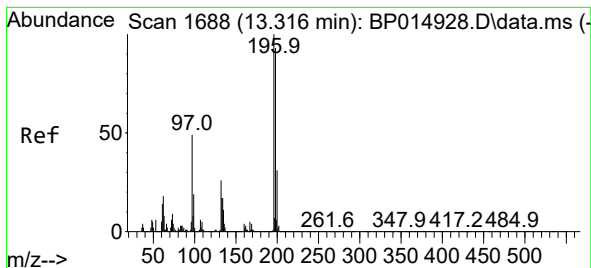
Ion Ratio Lower Upper

196 100

198 80.0 76.8 115.2

200 33.3 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 0.023 ng/ul

RT: 13.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

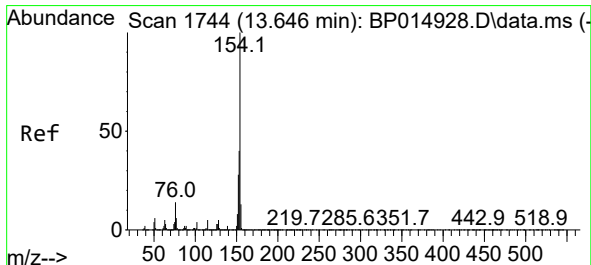
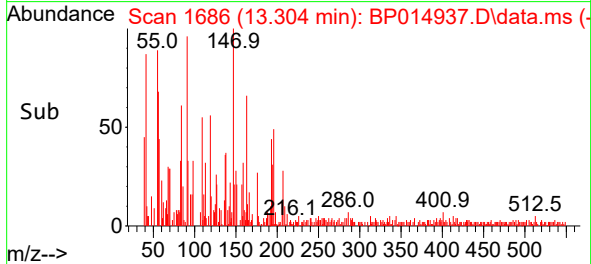
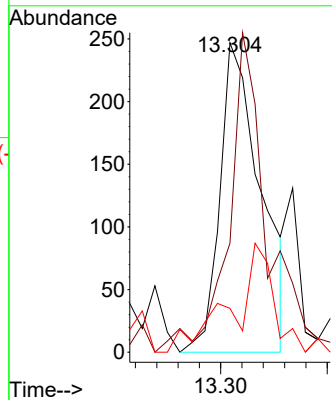
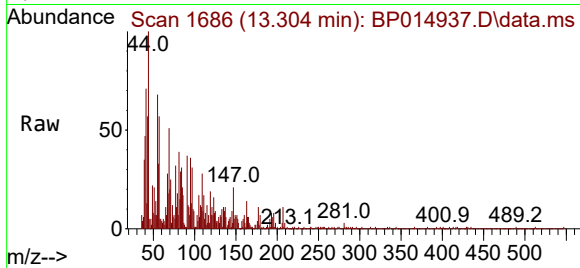
Tgt Ion:196 Resp: 330

Ion Ratio Lower Upper

196 100

198 35.2 74.2 111.4#

200 14.2 24.6 37.0#



#43

1,1'-Biphenyl

Concen: 0.222 ng/ul

RT: 13.646 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

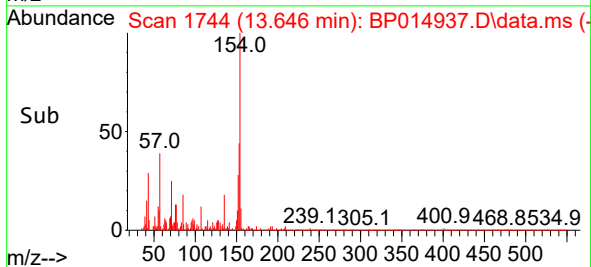
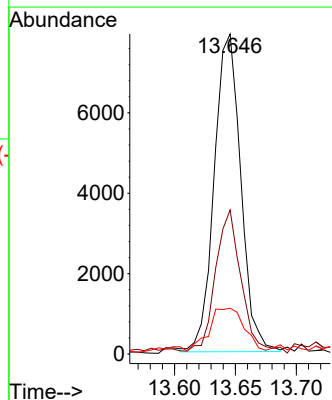
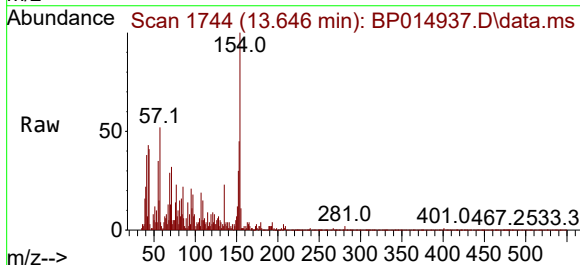
Tgt Ion:154 Resp: 12017

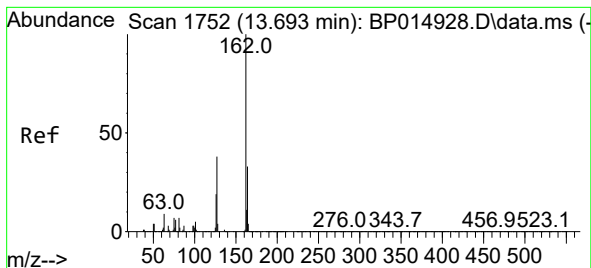
Ion Ratio Lower Upper

154 100

153 45.0 31.9 47.9

76 14.3 11.3 16.9





#44

2-Chloronaphthalene

Concen: 0.025 ng/ul

RT: 13.740 min Scan# 1760

Delta R.T. 0.047 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

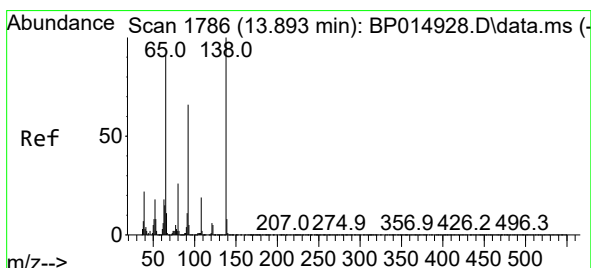
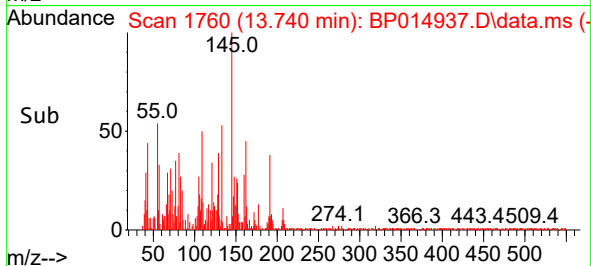
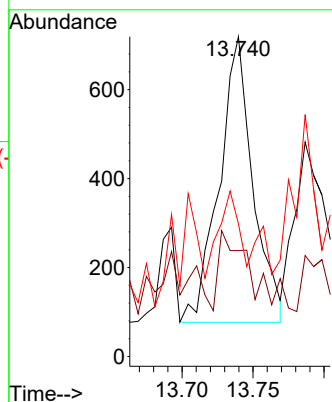
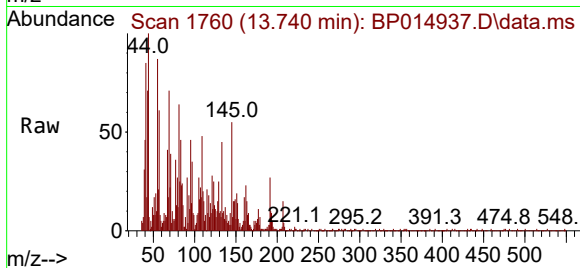
Tgt Ion:162 Resp: 1060

Ion Ratio Lower Upper

162 100

164 33.1 26.3 39.5

127 41.4 30.4 45.6



#45

2-Nitroaniline

Concen: 0.023 ng/ul

RT: 13.887 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

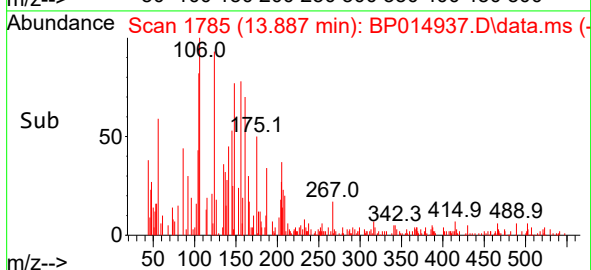
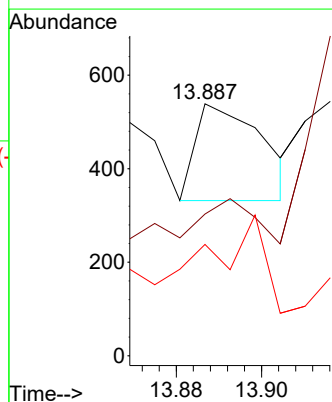
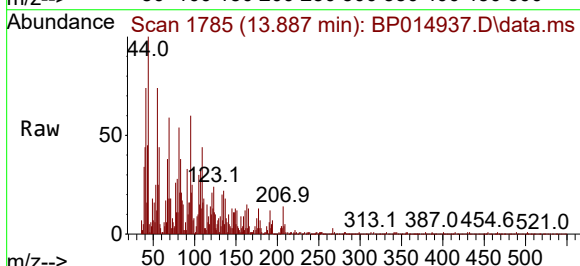
Tgt Ion: 65 Resp: 224

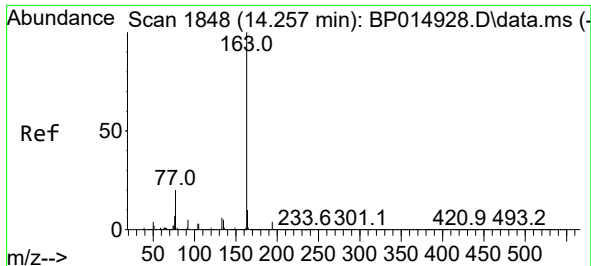
Ion Ratio Lower Upper

65 100

92 56.2 58.3 87.5#

138 44.2 87.9 131.9#

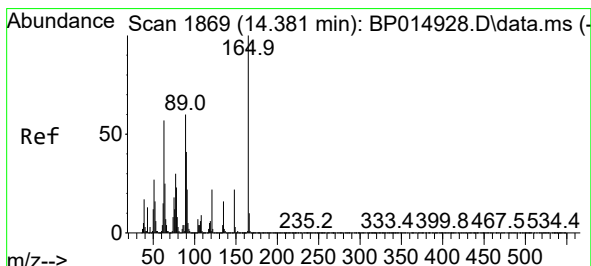
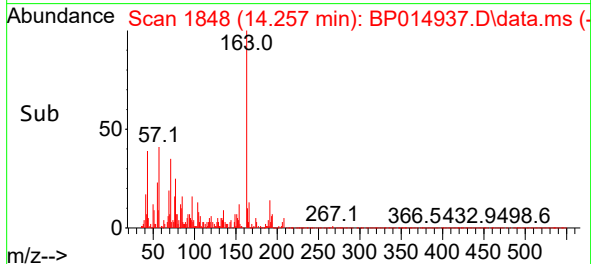
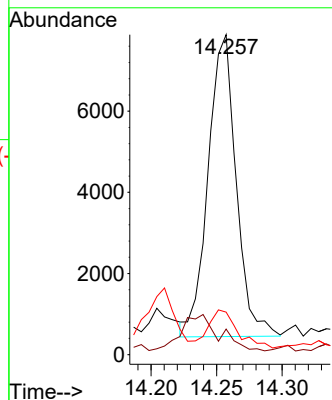
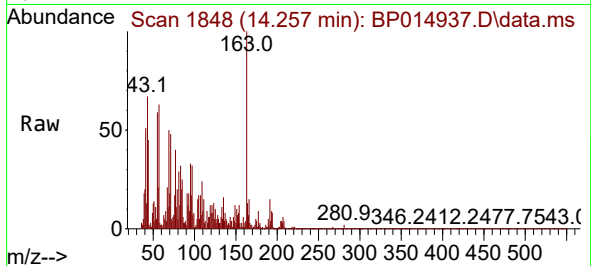




#47
Dimethylphthalate
Concen: 0.220 ng/ul
RT: 14.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

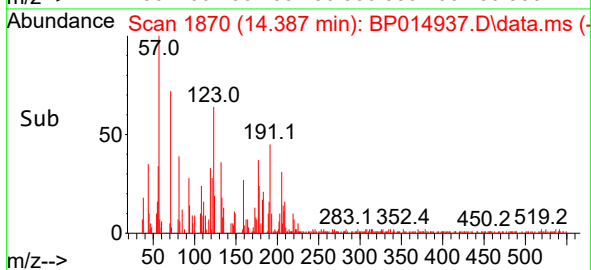
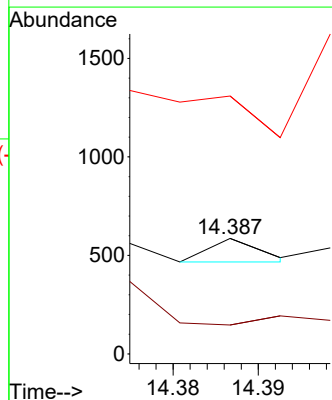
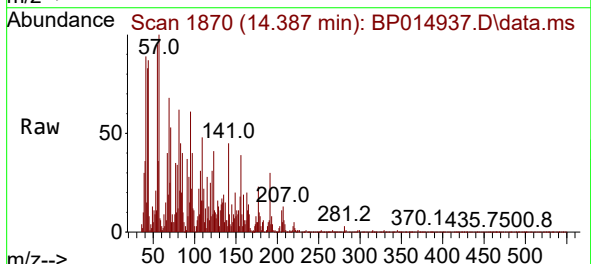
Instrument :
BNA_P
ClientSampleId :
EW931

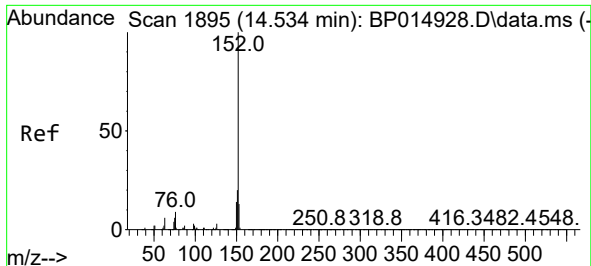
Tgt Ion:163 Resp: 11085
Ion Ratio Lower Upper
163 100
194 8.0 3.1 4.7#
164 13.3 8.0 12.0#



#48
2,6-Dinitrotoluene
Concen: 0.006 ng/ul
RT: 14.387 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:165 Resp: 50
Ion Ratio Lower Upper
165 100
89 25.1 48.1 72.1#
121 223.4 17.3 25.9#

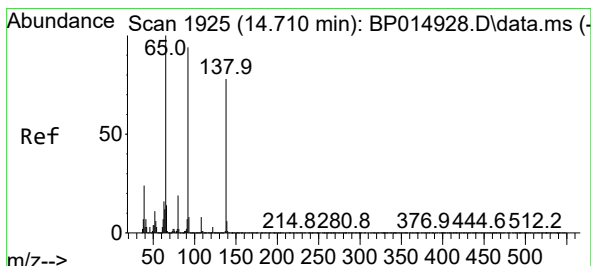
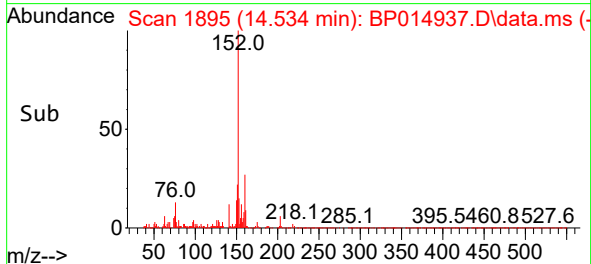
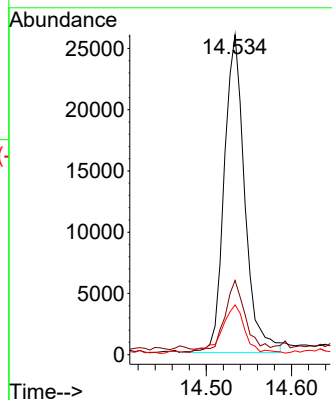
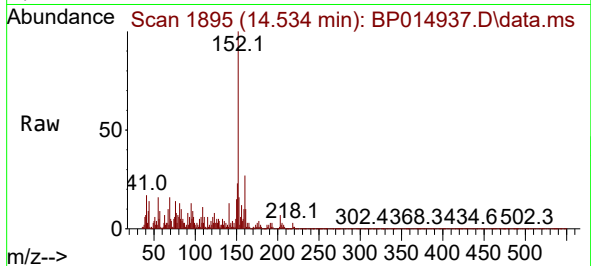




#50
Acenaphthylene
Concen: 0.667 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

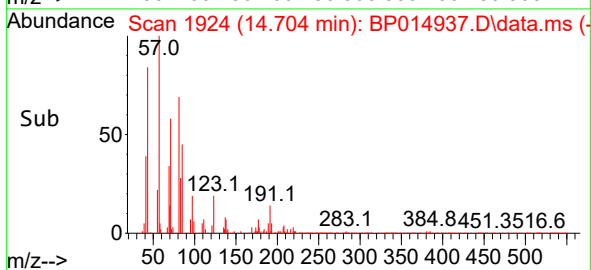
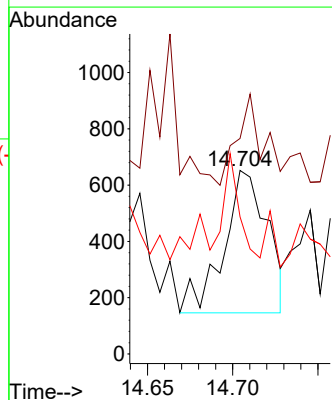
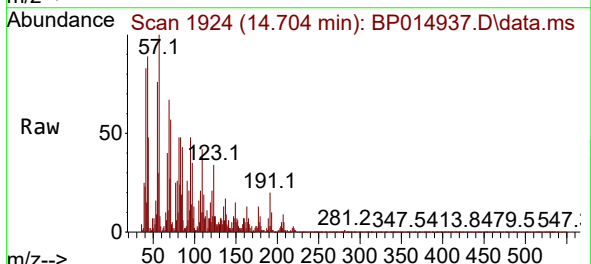
Instrument :
BNA_P
ClientSampleId :
EW931

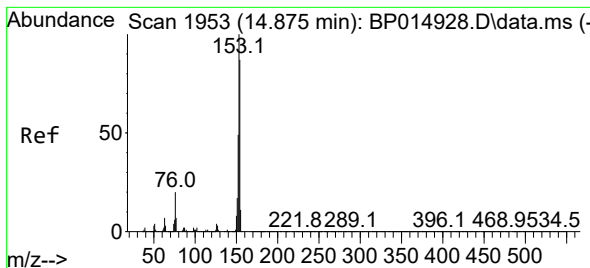
Tgt Ion:	152	Resp:	43535
Ion Ratio	Lower	Upper	
152	100		
151	23.2	16.1	24.1
153	15.6	10.4	15.6



#51
3-Nitroaniline
Concen: 0.112 ng/ul
RT: 14.704 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:	138	Resp:	904
Ion Ratio	Lower	Upper	
138	100		
108	117.5	8.5	12.7#
92	74.7	95.8	143.6#





#52

Acenaphthene

Concen: 0.637 ng/ul

RT: 14.869 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

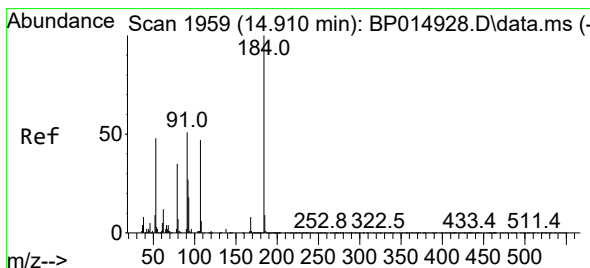
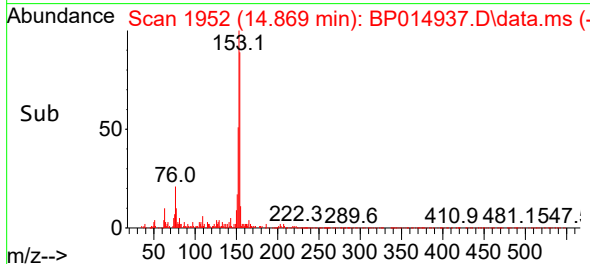
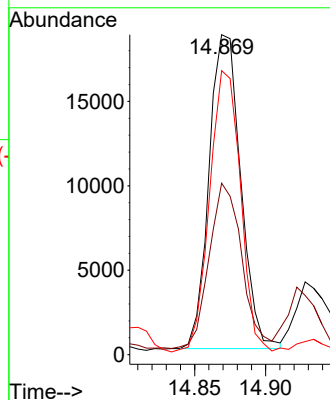
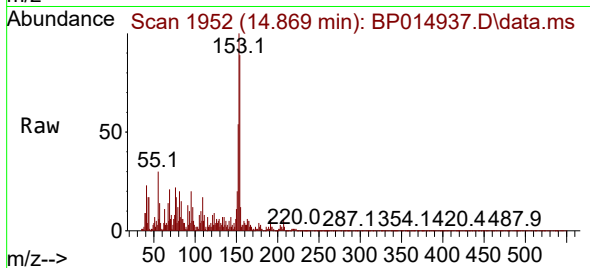
Tgt Ion:153 Resp: 28762

Ion Ratio Lower Upper

153 100

152 53.6 38.8 58.2

154 88.7 69.6 104.4



#53

2,4-Dinitrophenol

Concen: 0.008 ng/ul

RT: 14.910 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

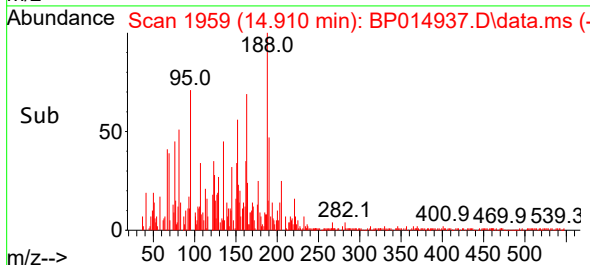
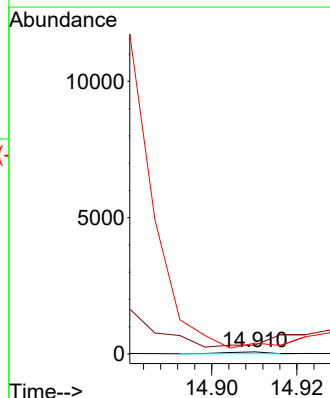
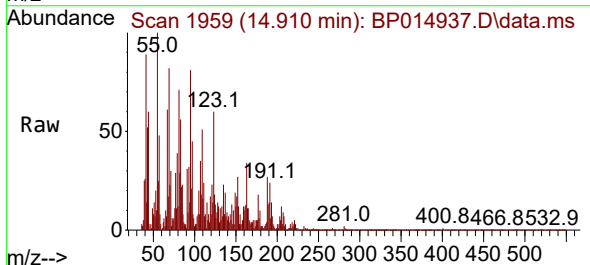
Tgt Ion:184 Resp: 46

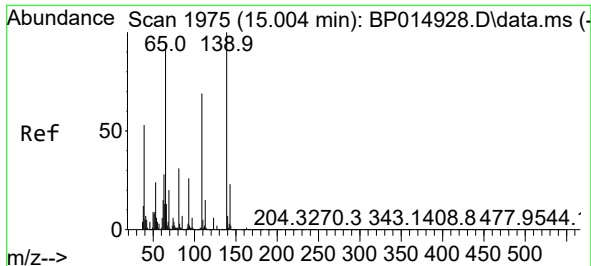
Ion Ratio Lower Upper

184 100

63 437.8 56.3 84.5#

154 540.5 48.9 73.3#

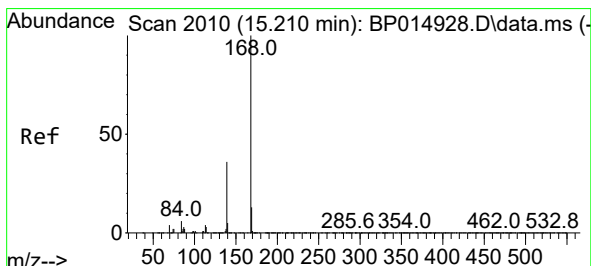
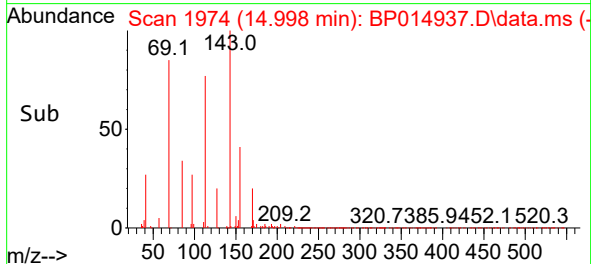
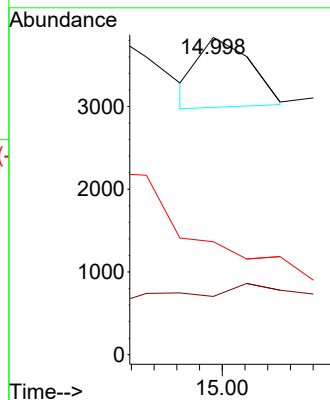
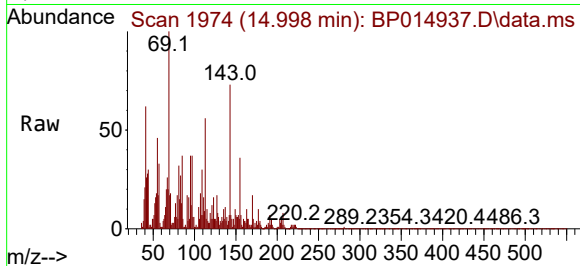




#55
4-Nitrophenol
Concen: 0.083 ng/ul
RT: 14.998 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

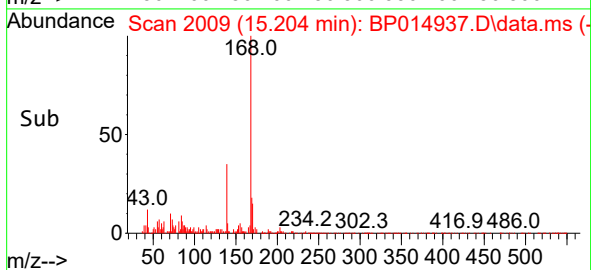
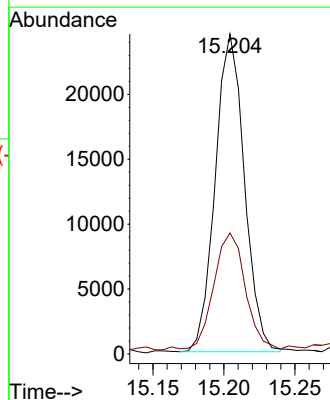
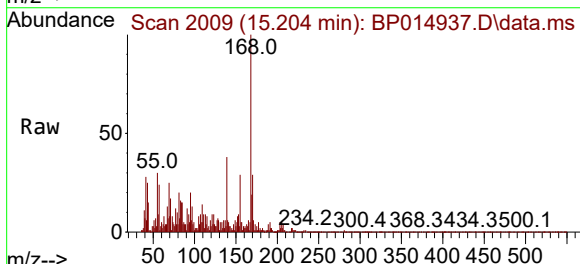
Instrument :
BNA_P
ClientSampleId :
EW931

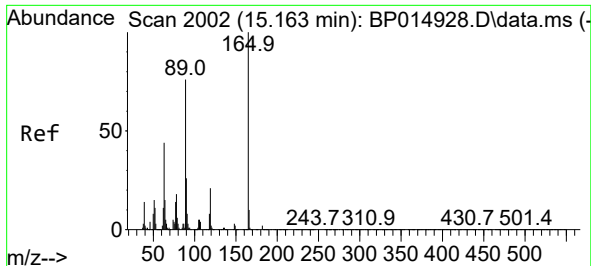
Tgt Ion:109 Resp: 529
Ion Ratio Lower Upper
109 100
139 18.4 115.1 172.7#
65 35.6 110.6 166.0#



#56
Dibenzofuran
Concen: 0.572 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:168 Resp: 34898
Ion Ratio Lower Upper
168 100
139 37.8 28.6 42.8

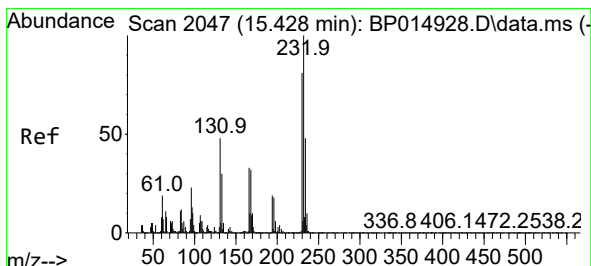
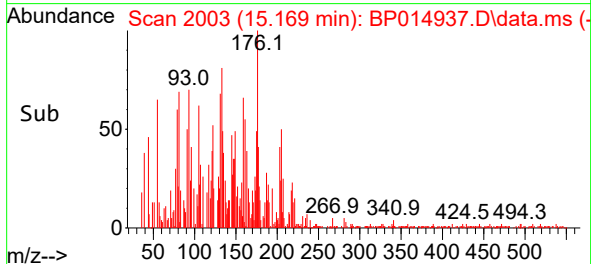
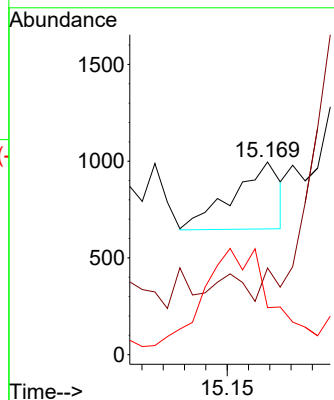
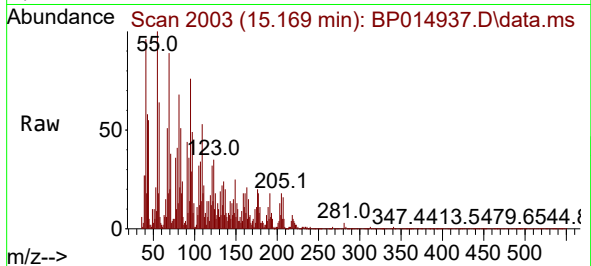




#57
2,4-Dinitrotoluene
Concen: 0.043 ng/ul
RT: 15.169 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

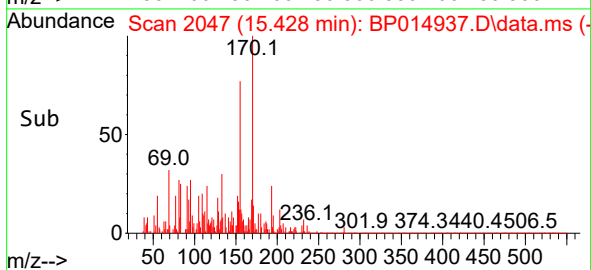
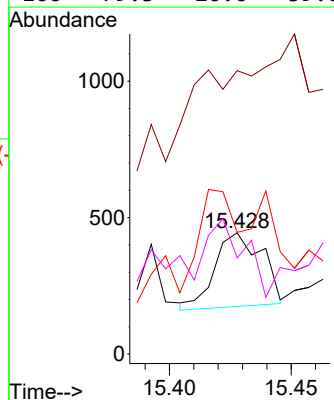
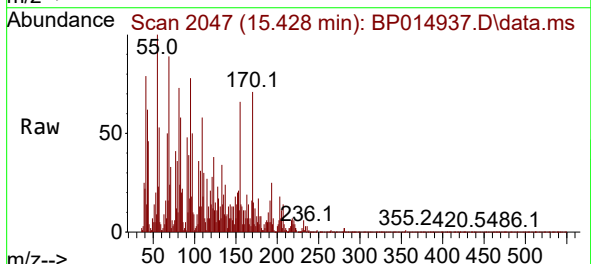
Instrument :
BNA_P
ClientSampleId :
EW931

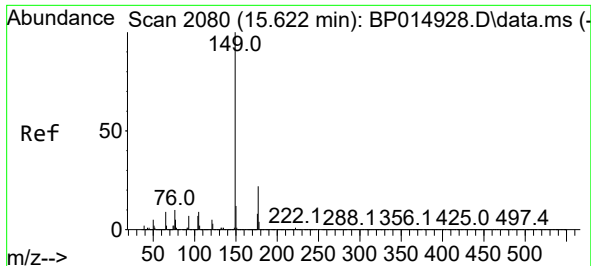
Tgt Ion:165 Resp: 536
Ion Ratio Lower Upper
165 100
63 45.0 35.7 53.5
182 24.4 2.2 3.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 0.032 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:232 Resp: 365
Ion Ratio Lower Upper
232 100
131 234.0 38.2 57.4#
130 100.5 2.1 3.1#
166 79.3 26.6 39.8#

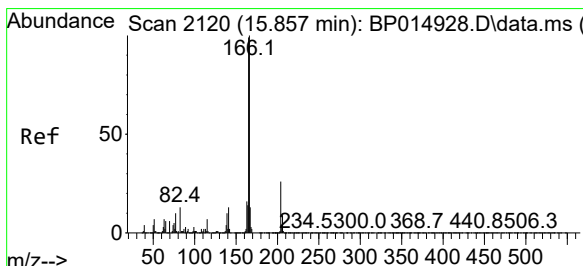
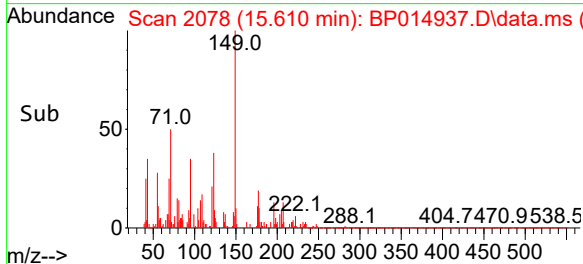
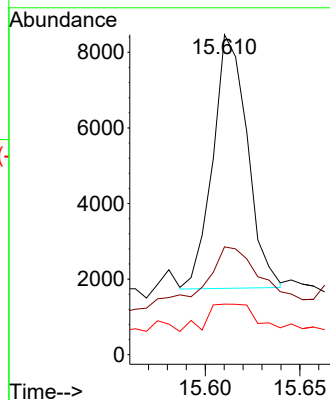
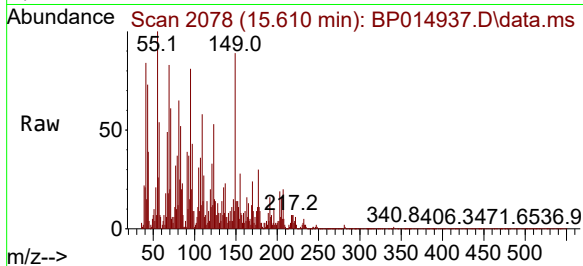




#59
Diethylphthalate
Concen: 0.178 ng/ul
RT: 15.610 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

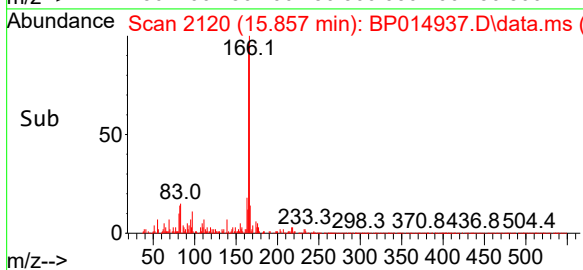
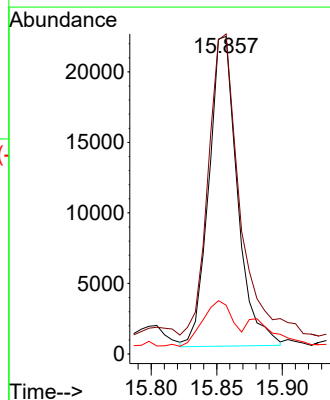
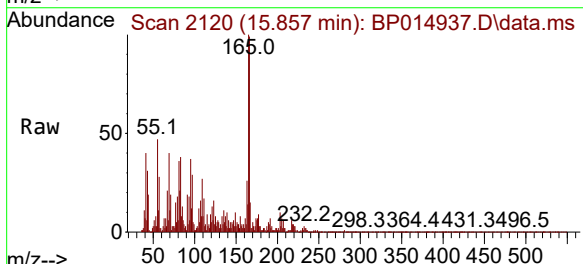
Instrument :
BNA_P
ClientSampleId :
EW931

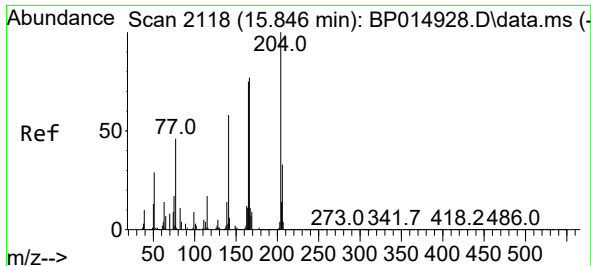
Tgt Ion:149 Resp: 8498
Ion Ratio Lower Upper
149 100
177 33.7 17.5 26.3#
150 15.8 9.6 14.4#



#61
Fluorene
Concen: 0.690 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:166 Resp: 33193
Ion Ratio Lower Upper
166 100
165 100.8 79.3 118.9
167 15.4 10.7 16.1

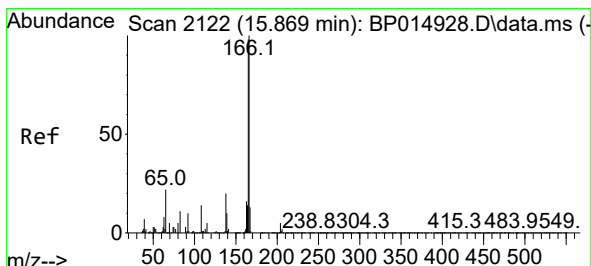
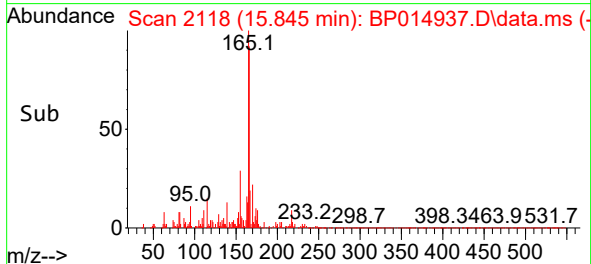
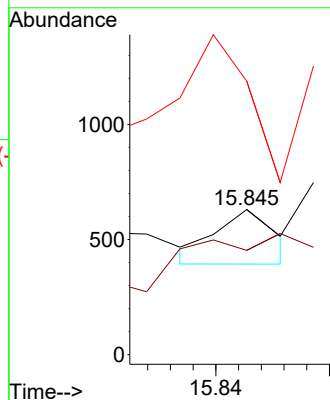
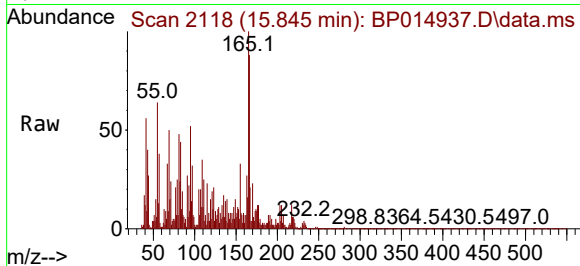




#62
4-Chlorophenyl-phenylether
Concen: 0.007 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

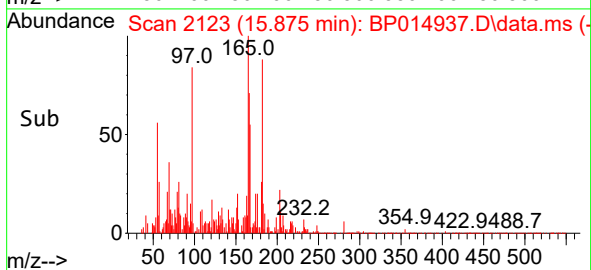
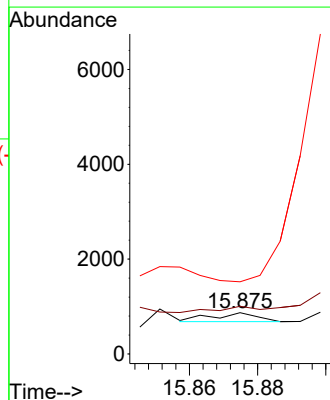
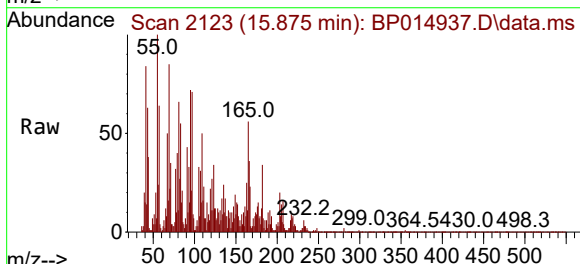
Instrument :
BNA_P
ClientSampleId :
EW931

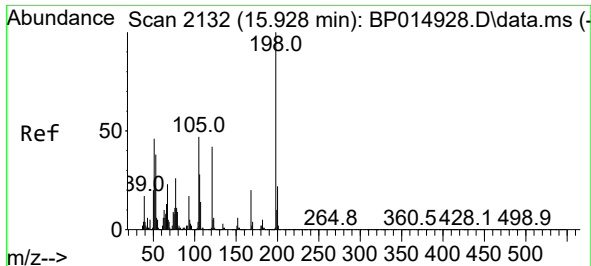
Tgt Ion:204 Resp: 171
Ion Ratio Lower Upper
204 100
206 71.9 26.2 39.2#
141 188.6 46.8 70.2#



#63
4-Nitroaniline
Concen: 0.026 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:138 Resp: 174
Ion Ratio Lower Upper
138 100
92 115.4 43.7 65.5#
108 175.0 57.4 86.2#

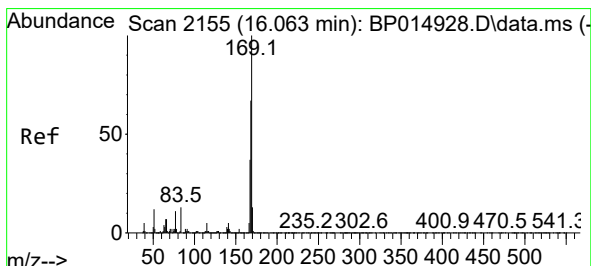
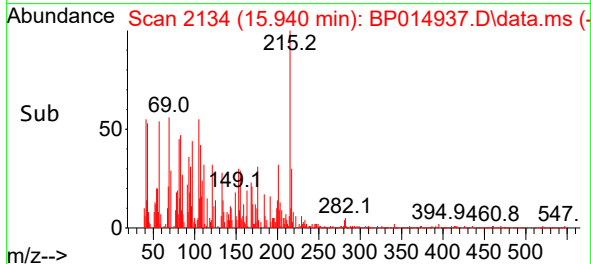
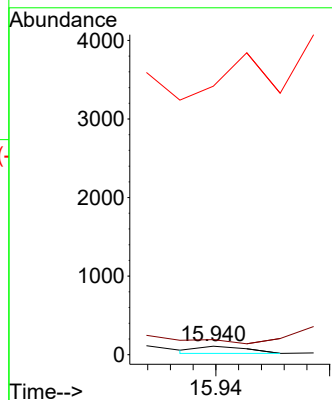
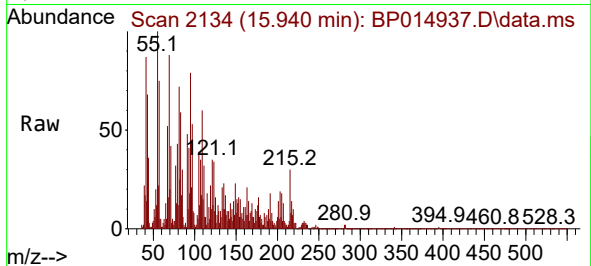




#66
4,6-Dinitro-2-methylphenol
Concen: 0.008 ng/ul
RT: 15.940 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

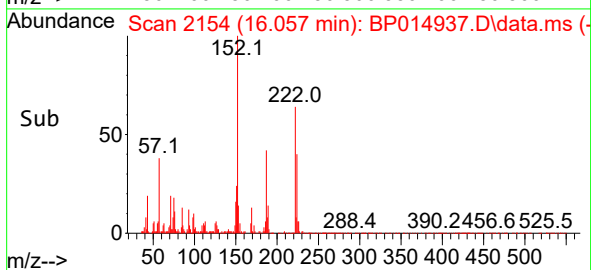
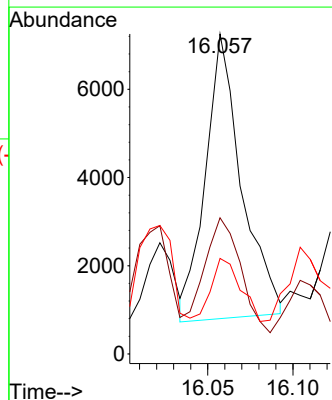
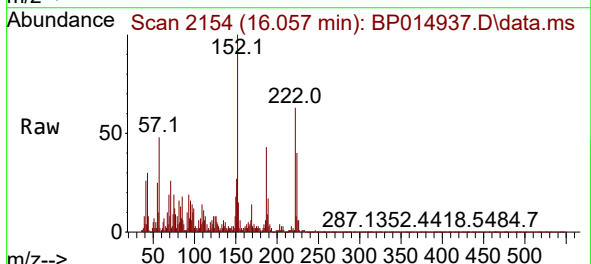
Instrument :
BNA_P
ClientSampleId :
EW931

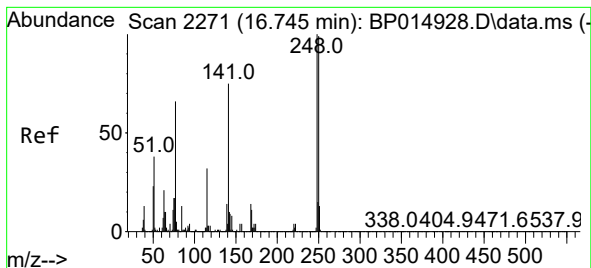
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
182 177.8 3.9 5.9#
77 3164.8 21.4 32.0#



#67
N-Nitrosodiphenylamine
Concen: 0.281 ng/ul
RT: 16.057 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:169 Resp: 9456
Ion Ratio Lower Upper
169 100
168 42.5 53.5 80.3#
167 29.9 29.3 43.9

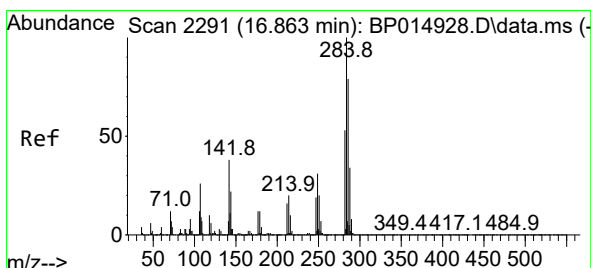
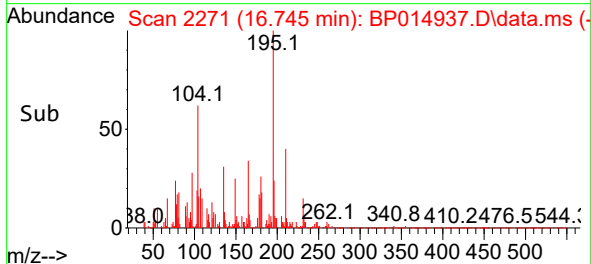
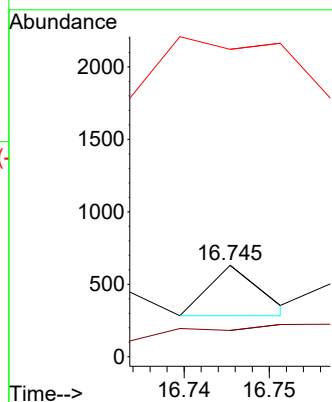
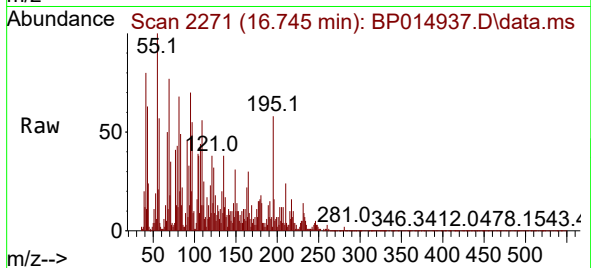




#68
4-Bromophenyl-phenylether
Concen: 0.013 ng/ul
RT: 16.745 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

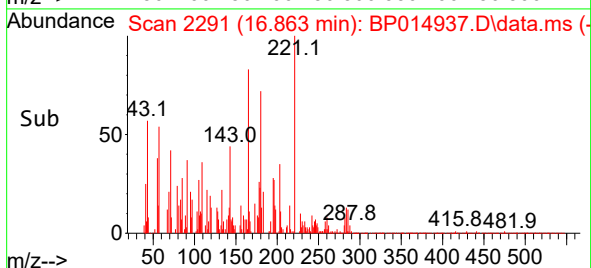
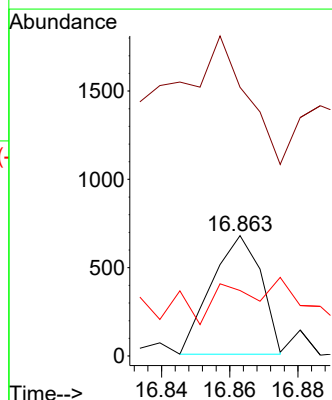
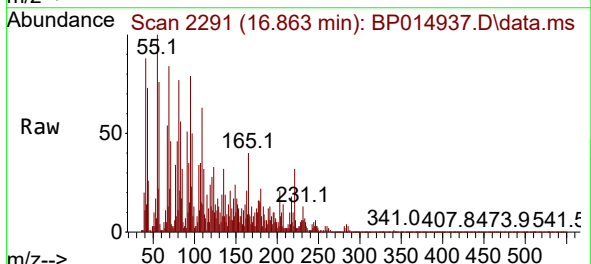
Instrument :
BNA_P
ClientSampleId :
EW931

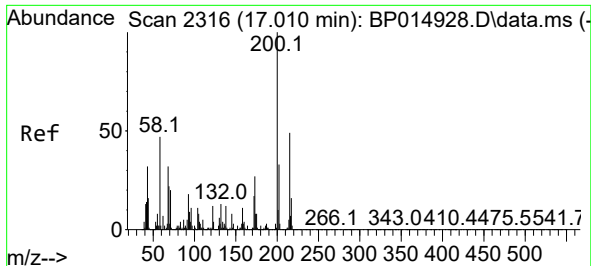
Tgt Ion:248 Resp: 148
Ion Ratio Lower Upper
248 100
250 28.7 79.5 119.3#
141 336.3 60.2 90.4#



#69
Hexachlorobenzene
Concen: 0.050 ng/ul
RT: 16.863 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:284 Resp: 682
Ion Ratio Lower Upper
284 100
142 223.0 30.2 45.2#
249 54.4 24.5 36.7#

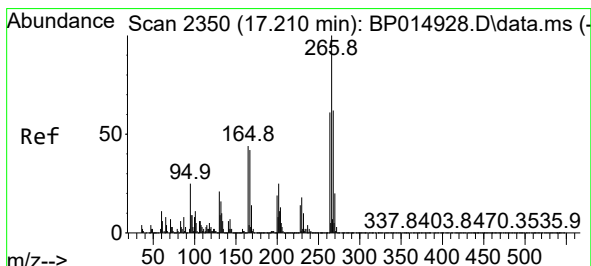
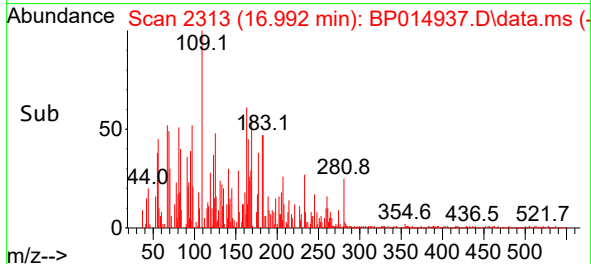
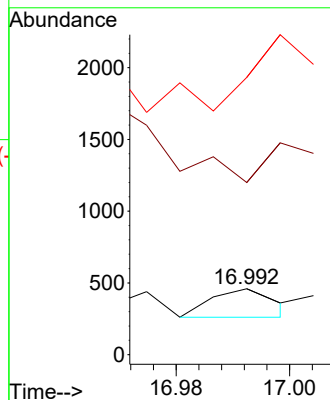
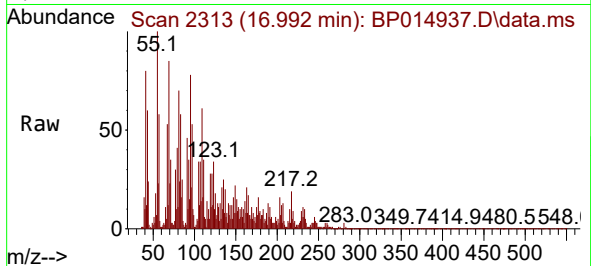




#70
Atrazine
Concen: 0.014 ng/ul
RT: 16.992 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

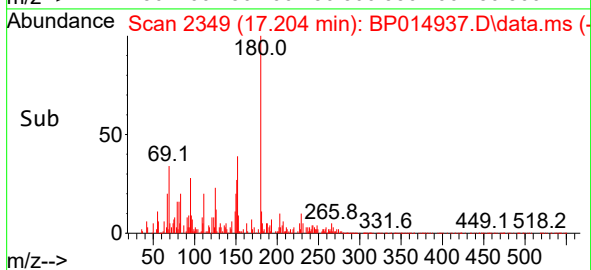
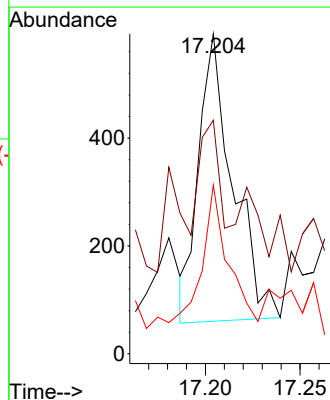
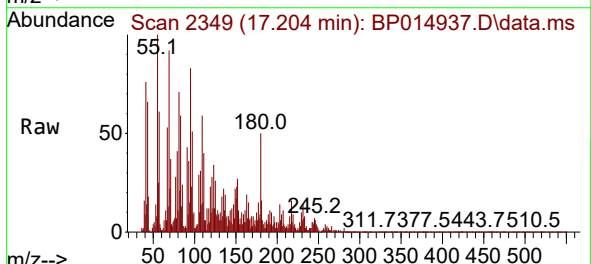
Instrument :
BNA_P
ClientSampleId :
EW931

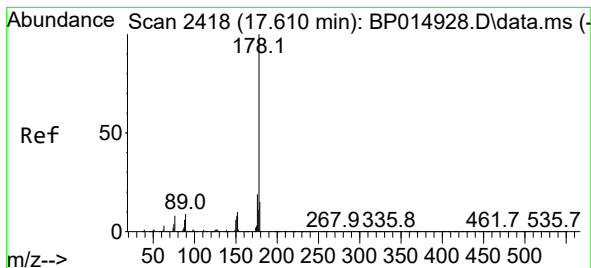
Tgt Ion:200 Resp: 155
Ion Ratio Lower Upper
200 100
173 261.4 21.8 32.6#
215 420.9 39.0 58.4#



#71
Pentachlorophenol
Concen: 0.084 ng/ul
RT: 17.204 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:266 Resp: 669
Ion Ratio Lower Upper
266 100
264 73.0 48.9 73.3
268 52.8 49.6 74.4





#72

Phenanthrene

Concen: 8.864 ng/ul

RT: 17.604 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

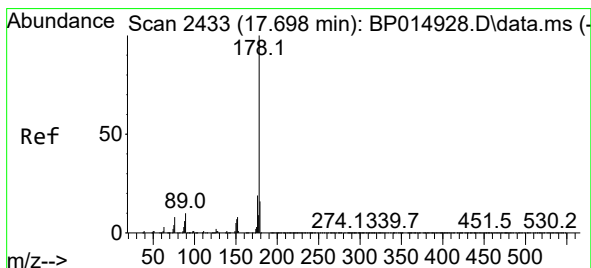
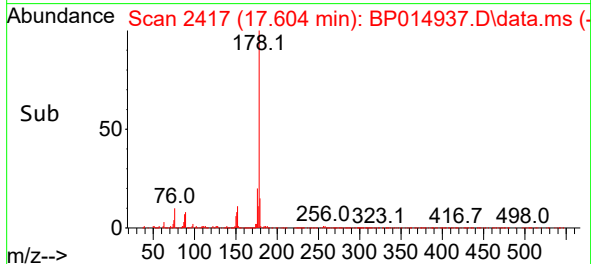
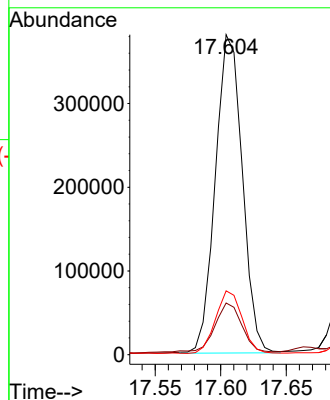
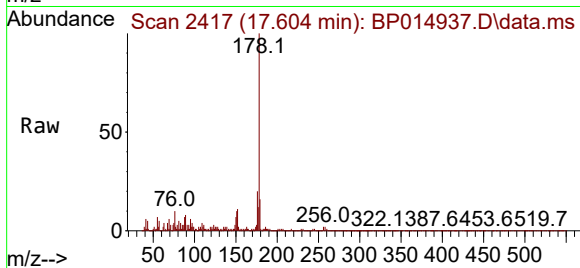
Tgt Ion:178 Resp: 543434

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

176 19.9 15.4 23.0



#74

Anthracene

Concen: 2.293 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

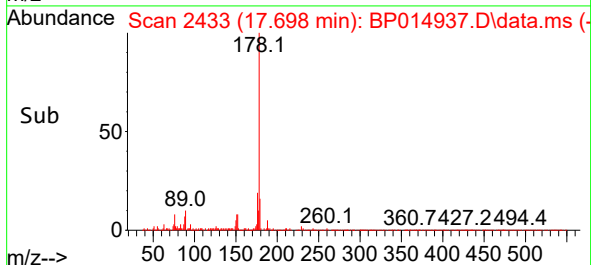
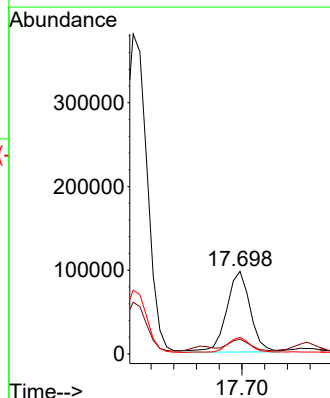
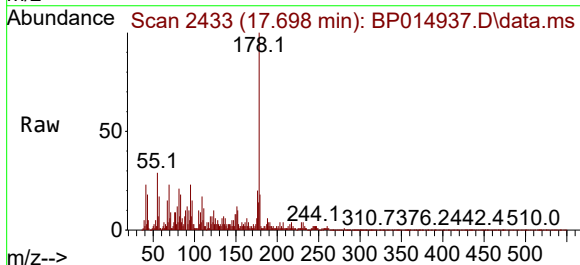
Tgt Ion:178 Resp: 139945

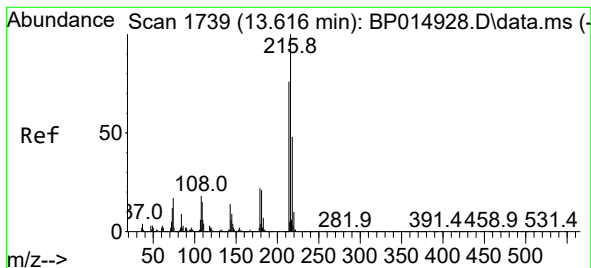
Ion Ratio Lower Upper

178 100

179 18.1 12.6 18.8

176 20.2 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 0.047 ng/uL

RT: 13.610 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

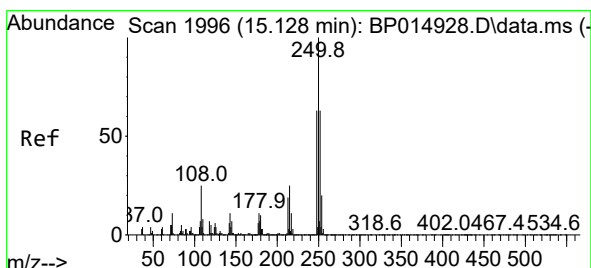
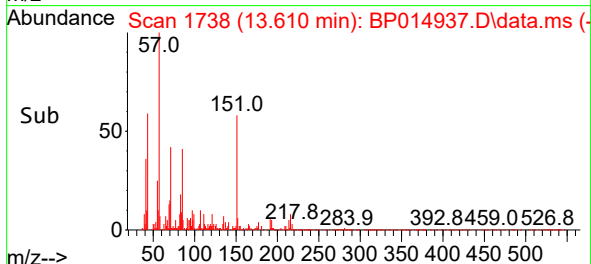
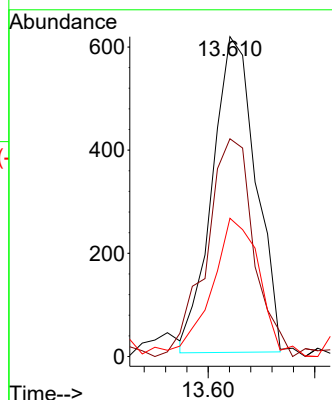
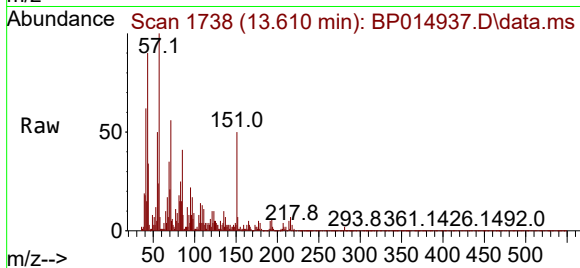
Tgt Ion:216 Resp: 871

Ion Ratio Lower Upper

216 100

214 68.1 60.5 90.7

218 46.3 38.6 58.0



#76

Pentachlorobenzene

Concen: 0.087 ng/uL

RT: 15.122 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

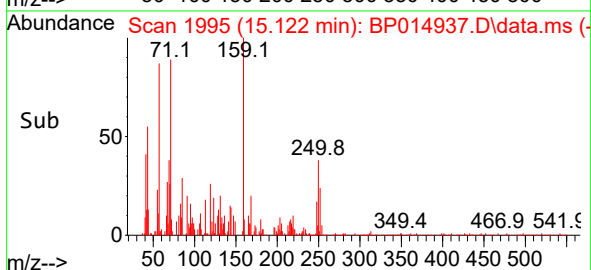
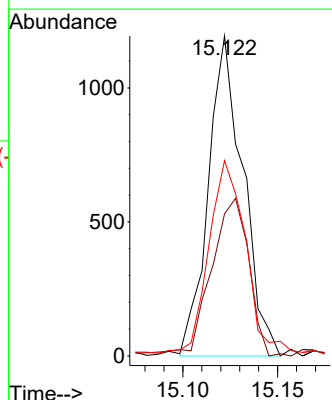
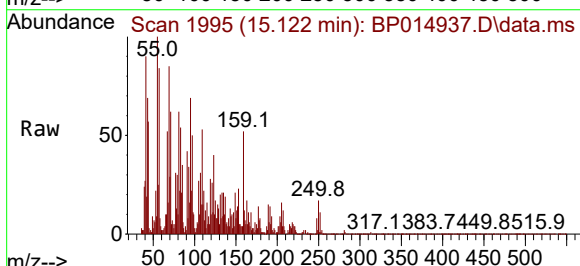
Tgt Ion:250 Resp: 1522

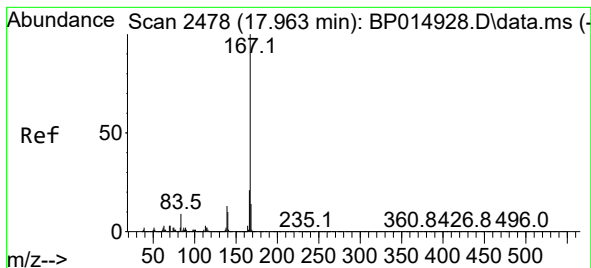
Ion Ratio Lower Upper

250 100

248 44.4 50.5 75.7#

252 61.1 50.5 75.7





#77

Carbazole

Concen: 1.128 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

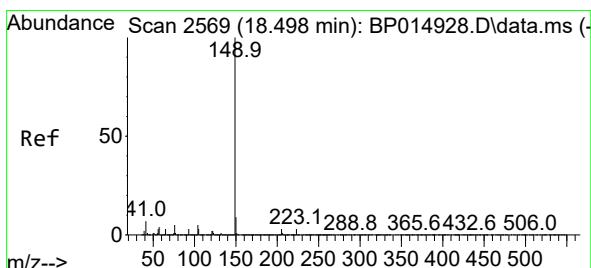
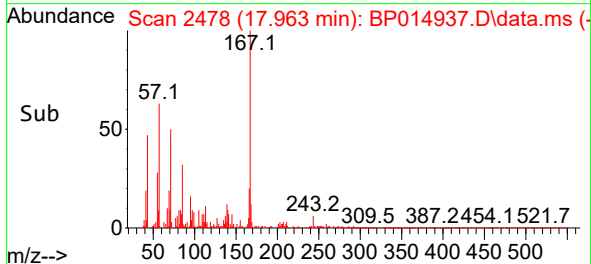
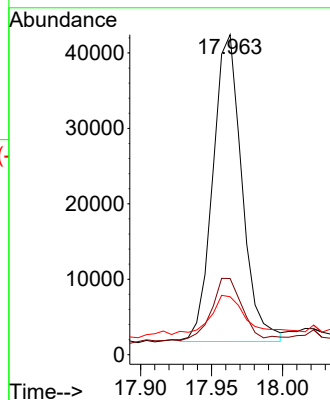
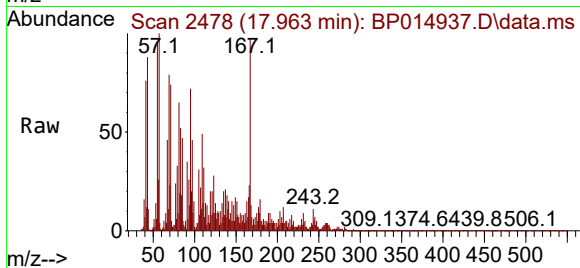
Instrument :

BNA_P

ClientSampleId :

EW931

Tgt Ion:167	Resp:	57890
Ion Ratio	Lower	Upper
167	100	
166	23.8	17.1 25.7
139	18.1	10.1 15.1#



#78

Di-n-butylphthalate

Concen: 8.811 ng/ul

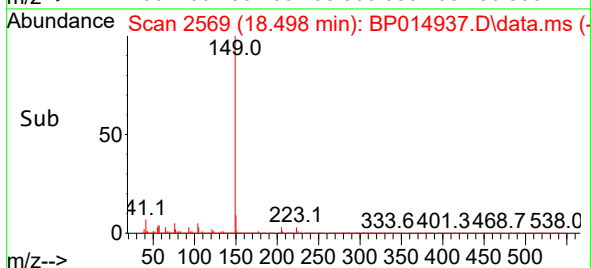
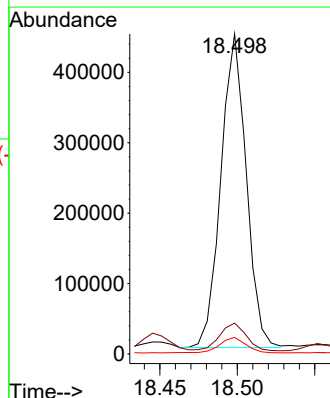
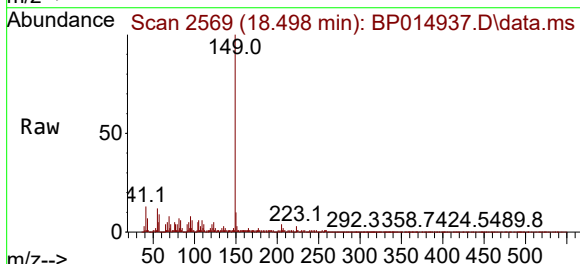
RT: 18.498 min Scan# 2569

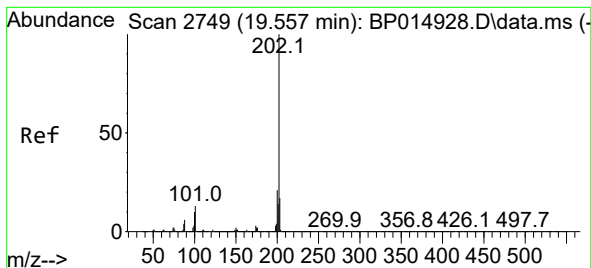
Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Tgt Ion:149	Resp:	505818
Ion Ratio	Lower	Upper
149	100	
150	9.7	7.4 11.2
104	5.2	4.1 6.1





#80

Fluoranthene

Concen: 19.044 ng/ul

RT: 19.557 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

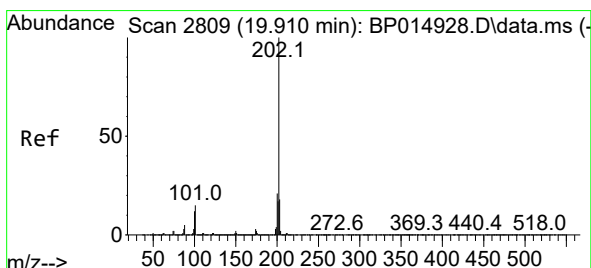
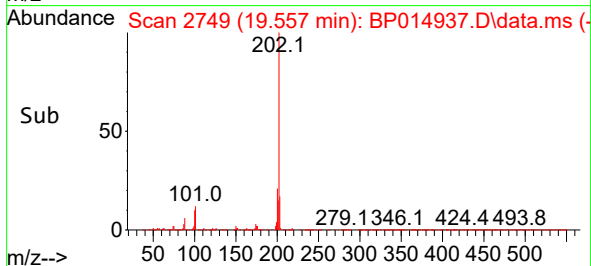
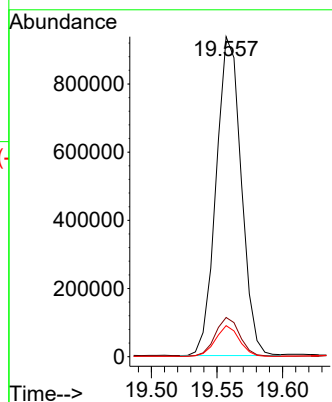
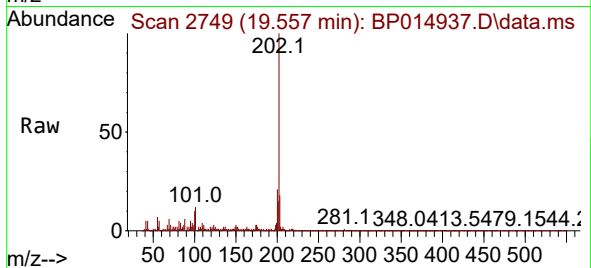
Tgt Ion:202 Resp: 1242610

Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

100 9.7 7.7 11.5



#82

Pyrene

Concen: 17.030 ng/ul

RT: 19.916 min Scan# 2810

Delta R.T. 0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

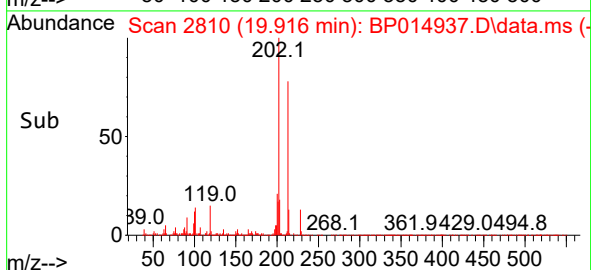
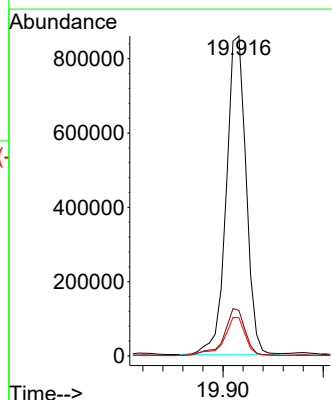
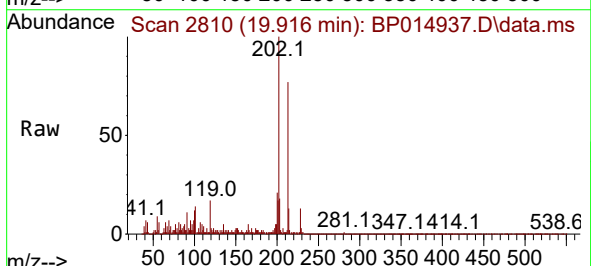
Tgt Ion:202 Resp: 1177324

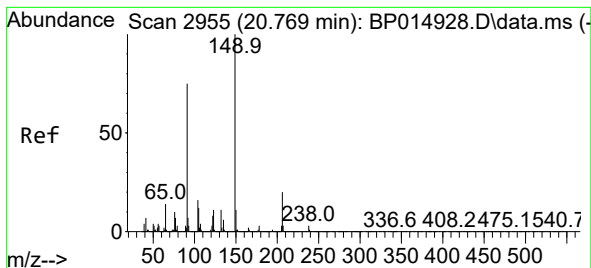
Ion Ratio Lower Upper

202 100

101 14.3 11.9 17.9

100 12.0 9.7 14.5





#83

Butylbenzylphthalate

Concen: 13.733 ng/ul

RT: 20.769 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

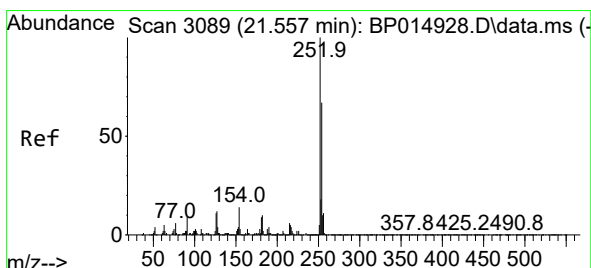
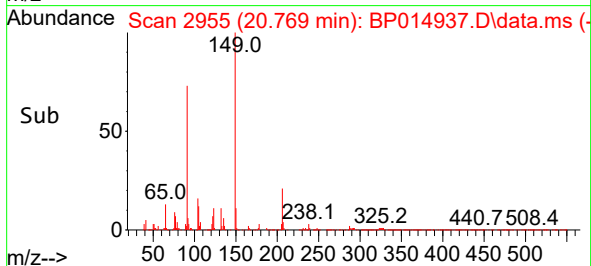
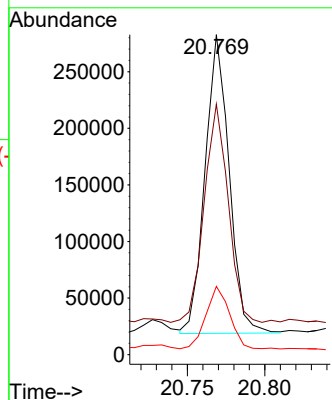
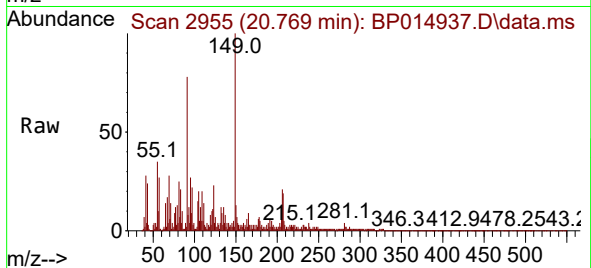
Tgt Ion:149 Resp: 285029

Ion Ratio Lower Upper

149 100

91 78.3 60.1 90.1

206 21.3 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 0.352 ng/ul

RT: 21.557 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

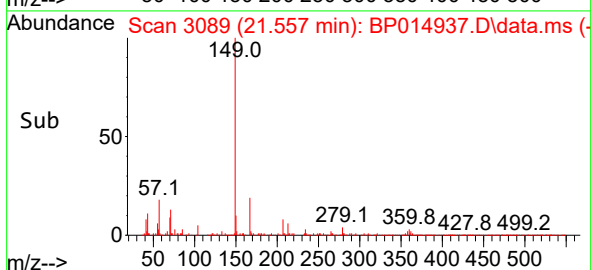
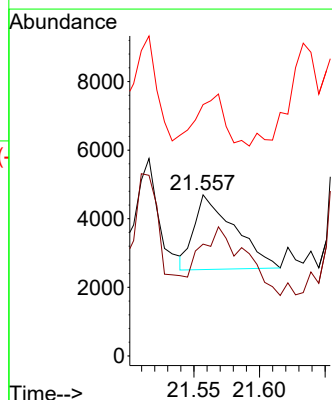
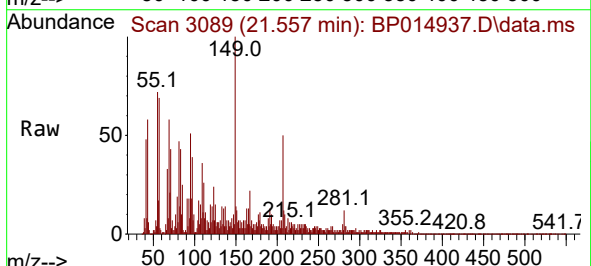
Tgt Ion:252 Resp: 4667

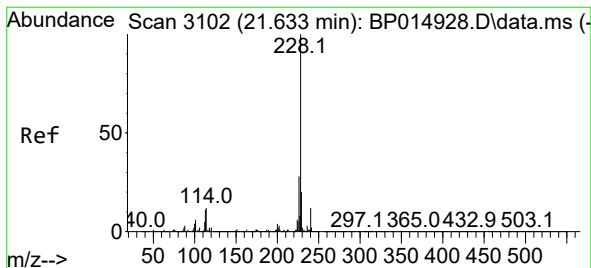
Ion Ratio Lower Upper

252 100

254 69.4 53.3 79.9

126 155.9 9.0 13.6#





#85

Benzo(a)anthracene

Concen: 13.901 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

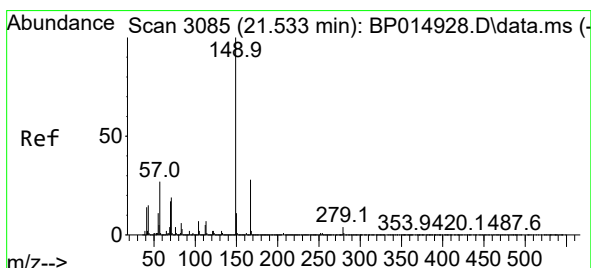
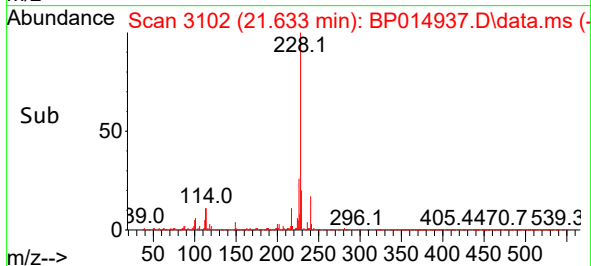
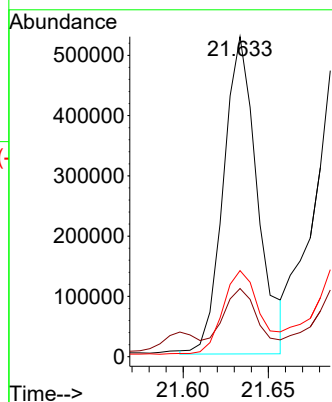
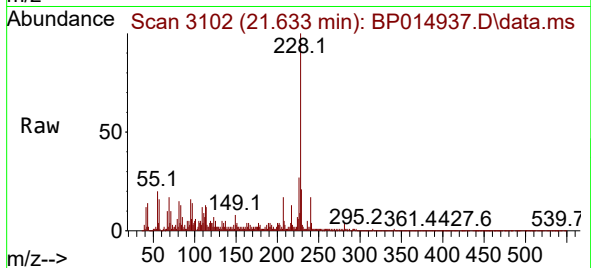
Tgt Ion:228 Resp: 731527

Ion Ratio Lower Upper

228 100

229 21.3 15.9 23.9

226 26.9 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 115.924 ng/ul

RT: 21.539 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

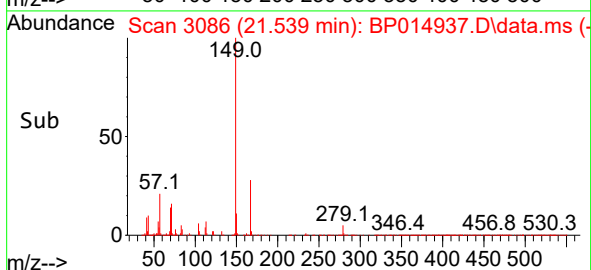
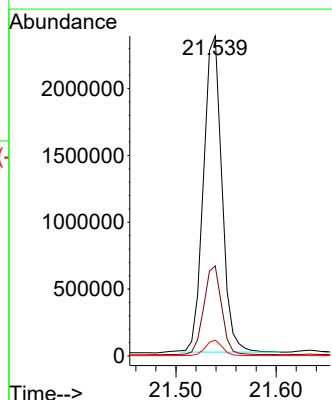
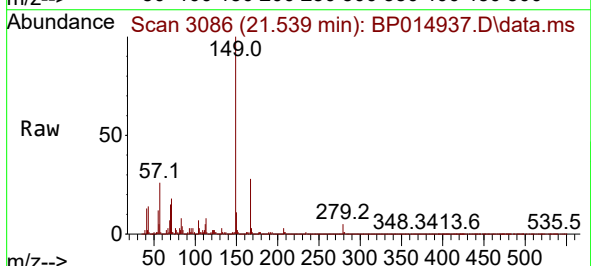
Tgt Ion:149 Resp: 3027425

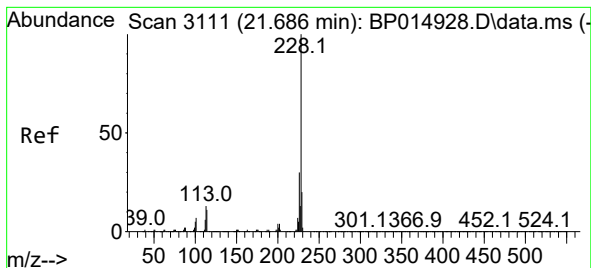
Ion Ratio Lower Upper

149 100

167 28.1 22.0 33.0

279 4.9 2.9 4.3#





#87

Chrysene

Concen: 14.762 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

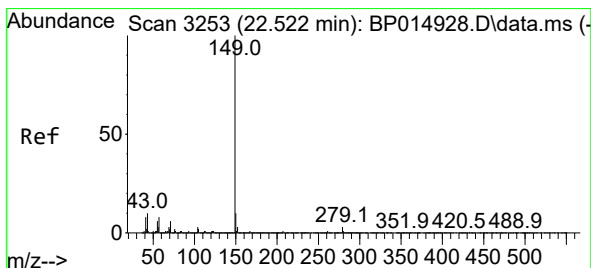
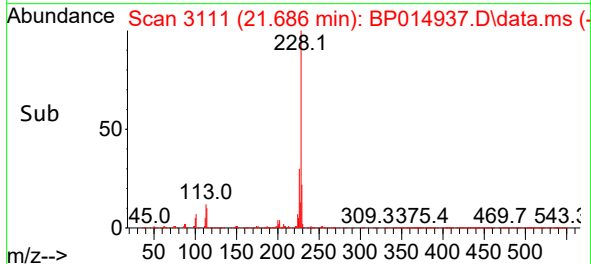
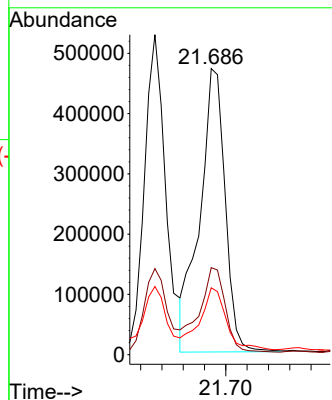
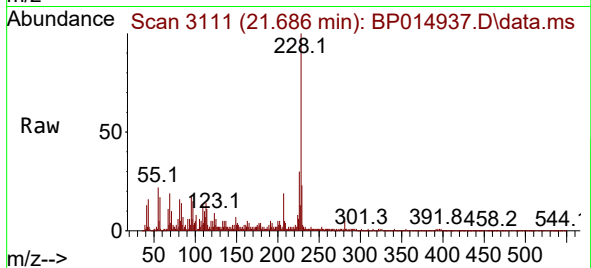
Tgt Ion:228 Resp: 782198

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 23.4 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 4.175 ng/ul

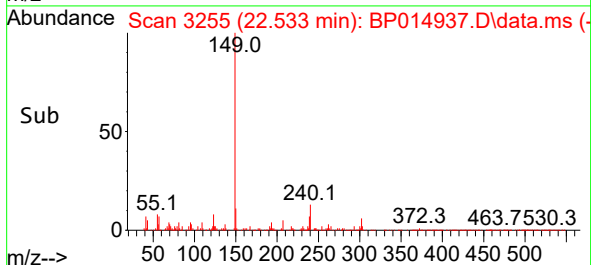
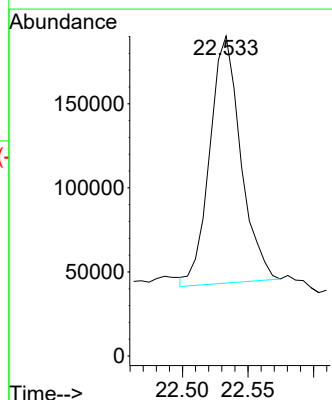
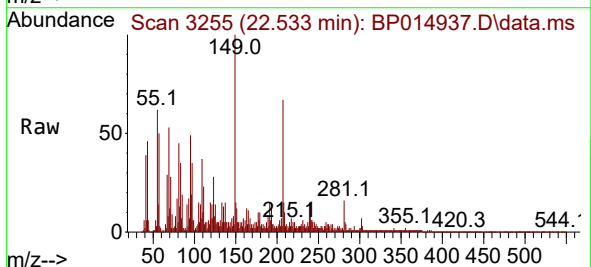
RT: 22.533 min Scan# 3255

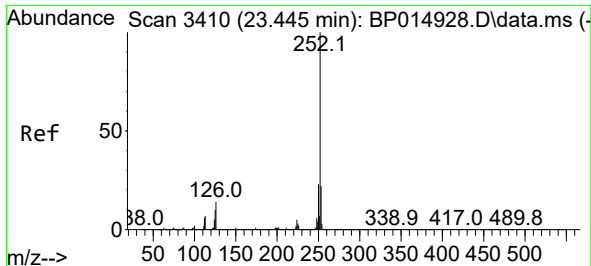
Delta R.T. 0.012 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Tgt Ion:149 Resp: 241673

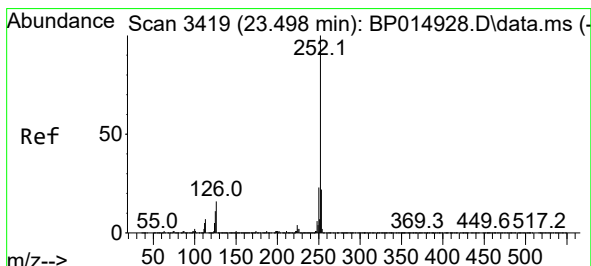
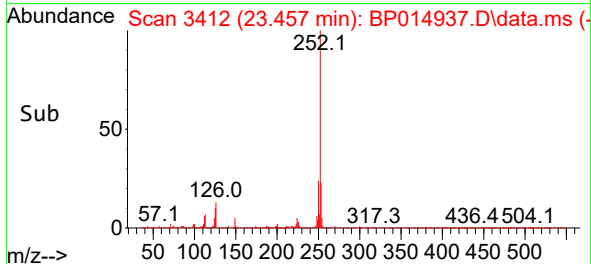
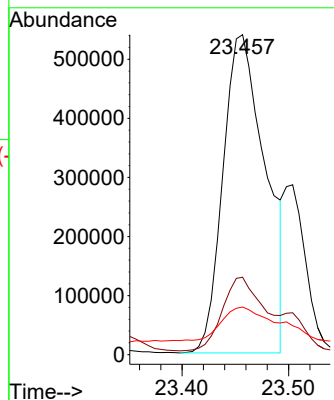
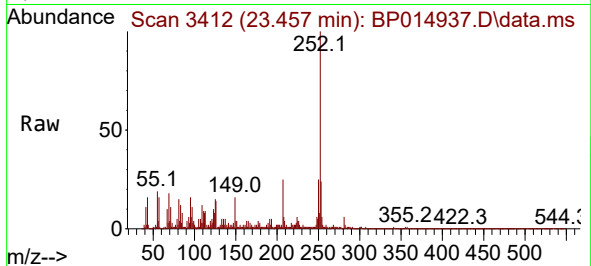




#90
Benzo(b)fluoranthene
Concen: 23.341 ng/ul
RT: 23.457 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

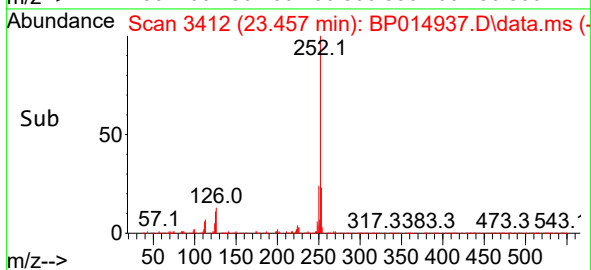
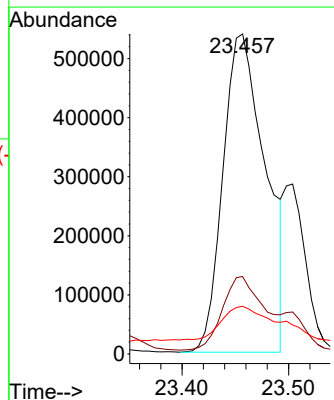
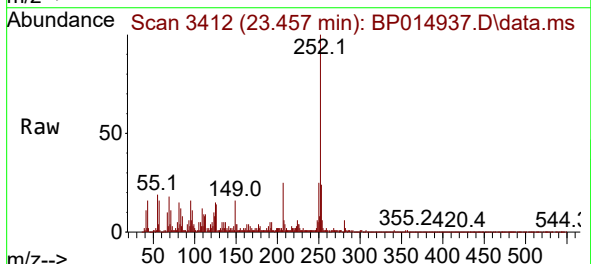
Instrument :
BNA_P
ClientSampleId :
EW931

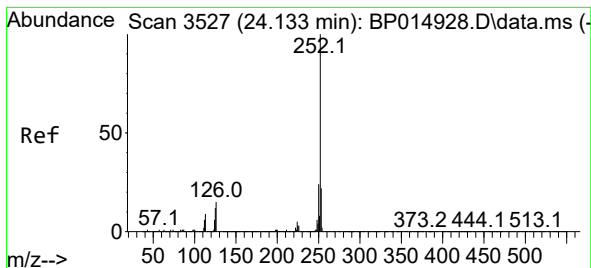
Tgt Ion:252 Resp: 1495625
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 14.9 8.4 12.6#



#91
Benzo(k)fluoranthene
Concen: 22.934 ng/ul
RT: 23.457 min Scan# 3412
Delta R.T. -0.041 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:252 Resp: 1495625
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 14.9 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 16.494 ng/ul

RT: 24.139 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

Instrument :

BNA_P

ClientSampleId :

EW931

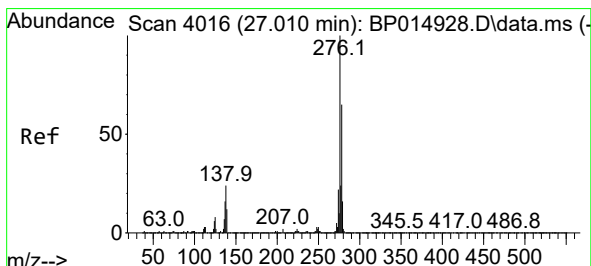
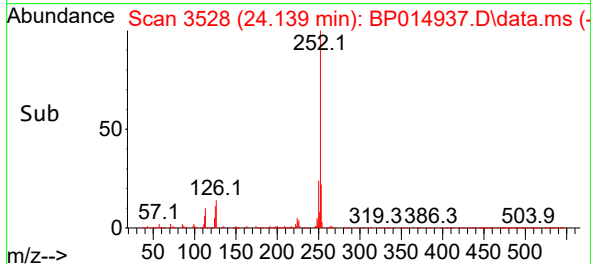
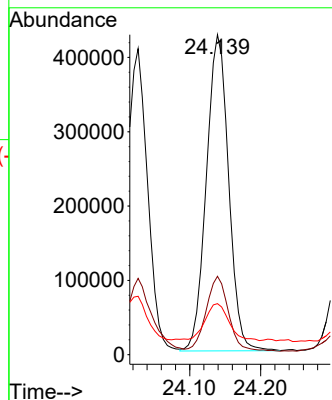
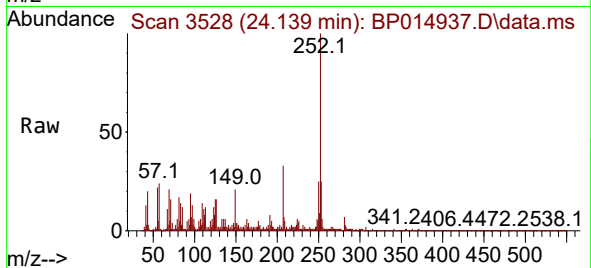
Tgt Ion:252 Resp: 926876

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

125 15.9 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.496 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. 0.012 min

Lab File: BP014937.D

Acq: 03 May 2023 19:10

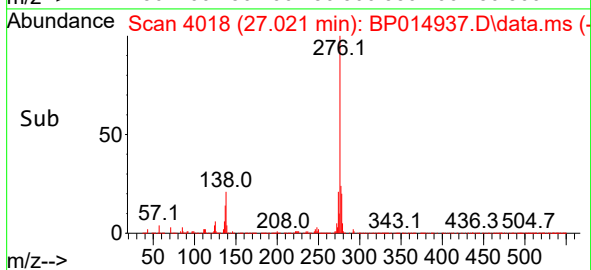
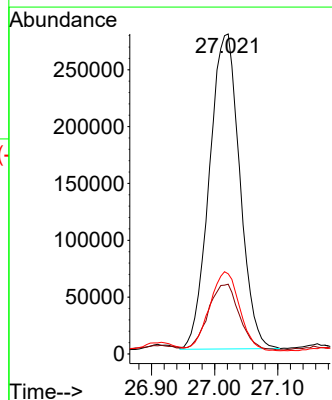
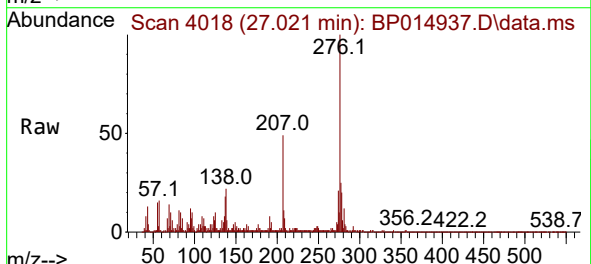
Tgt Ion:276 Resp: 925125

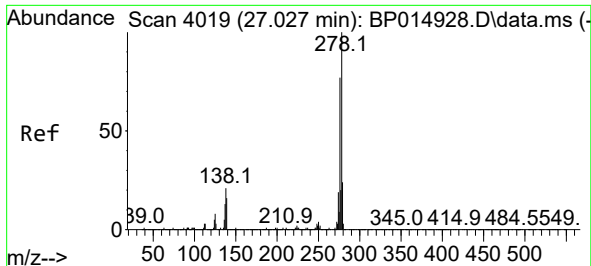
Ion Ratio Lower Upper

276 100

138 21.8 19.4 29.0

277 25.0 19.4 29.2

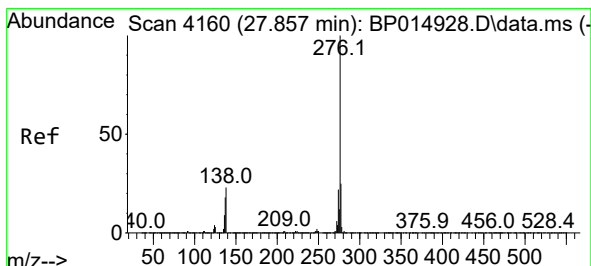
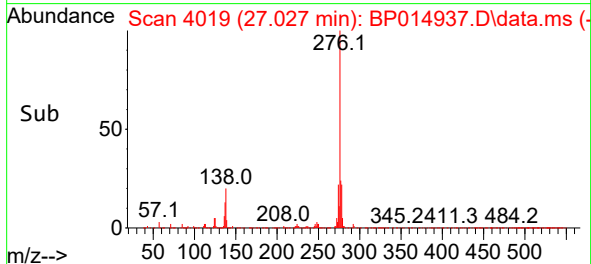
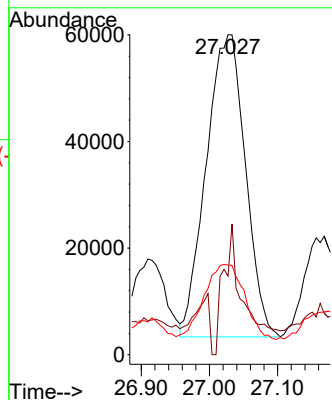
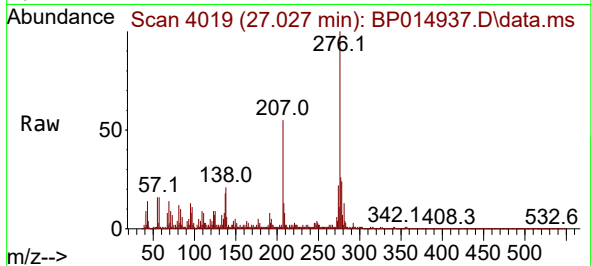




#95
Dibenzo(a,h)anthracene
Concen: 4.039 ng/ul
RT: 27.027 min Scan# 4019
Delta R.T. -0.000 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Instrument :
BNA_P
ClientSampleId :
EW931

Tgt Ion:278 Resp: 226923
Ion Ratio Lower Upper
278 100
139 24.6 12.9 19.3#
279 28.0 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 17.724 ng/ul
RT: 27.874 min Scan# 4163
Delta R.T. 0.018 min
Lab File: BP014937.D
Acq: 03 May 2023 19:10

Tgt Ion:276 Resp: 1034053
Ion Ratio Lower Upper
276 100
138 21.2 18.0 27.0
277 23.6 19.8 29.8

