

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014936.D
 Acq On : 03 May 2023 18:37
 Operator : CG/JU
 Sample : 02419-35
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW930

Quant Time: May 04 06:19:21 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	282051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1204361	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	671257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1191011	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	894973	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1118179	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	18225	2.403	ng/uL	0.00
4) Pyridine-d5	3.911	84	657	0.032	ng/ul	0.01
7) Phenol-d5	7.305	99	275281	11.257	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	202463	13.395	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	232472	12.929	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	147575	7.831	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	102391	11.954	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	104577	11.890	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	194640	11.270	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	162705	6.513	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	653048	13.746	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	769182	13.500	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	19050	2.305	ng/ul	0.00
60) Fluorene-d10	15.798	176	552173	13.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	39177	5.843	ng/ul	0.00
73) Anthracene-d10	17.663	188	709527	13.259	ng/ul	0.00
81) Pyrene-d10	19.880	212	821958	13.617	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	834840	15.323	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	106	0.013	ng/ul#	31
5) Pyridine	3.922	79	175	0.008	ng/ul#	1
6) Benzaldehyde	7.293	77	3014	0.451	ng/ul	87
8) Phenol	7.334	94	10141	0.395	ng/ul#	81
10) Bis(2-Chloroethyl)ether	7.575	93	252	0.012	ng/ul#	81
12) 2-Chlorophenol	7.722	128	91	0.005	ng/ul#	1
13) 2-Methylphenol	8.593	108	100	0.005	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.705	45	56	0.002	ng/ul#	1
16) Acetophenone	8.999	105	53521	1.737	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.987	70	99	0.006	ng/ul#	1
18) 4-Methylphenol	8.981	108	31	0.001	ng/ul	94
19) Hexachloroethane	9.281	117	311	0.037	ng/ul#	18
22) Nitrobenzene	9.381	77	179	0.008	ng/ul#	53
23) Isophorone	9.916	82	360	0.008	ng/ul#	39
25) 2-Nitrophenol	10.110	139	26	0.003	ng/ul#	1
26) 2,4-Dimethylphenol	10.169	107	154	0.007	ng/ul#	54
27) Bis(2-Chloroethoxy)met...	10.399	93	80	0.003	ng/ul#	1
29) 2,4-Dichlorophenol	10.640	162	86	0.005	ng/ul#	1
30) Naphthalene	11.051	128	24437	0.369	ng/ul	96
32) 4-Chloroaniline	11.146	127	137	0.005	ng/ul#	1
33) Hexachlorobutadiene	11.346	225	18	0.002	ng/ul#	65
34) Caprolactam	11.928	113	98	0.018	ng/ul#	11
35) 4-Chloro-3-methylphenol	12.263	107	69	0.004	ng/ul#	47
36) 2-Methylnaphthalene	12.646	142	9081	0.222	ng/ul	91

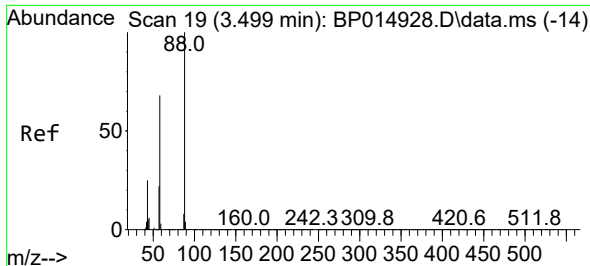
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	7690	0.182	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.010	216	25	0.001	ng/ul#	1
40) Hexachlorocyclopentadiene	13.004	237	20	0.001	ng/ul#	32
41) 2,4,6-Trichlorophenol	13.240	196	5	0.000	ng/ul#	1
42) 2,4,5-Trichlorophenol	13.322	196	178	0.013	ng/ul#	63
43) 1,1'-Biphenyl	13.640	154	3313	0.062	ng/ul	90
44) 2-Chloronaphthalene	13.693	162	4	0.000	ng/ul#	1
45) 2-Nitroaniline	13.892	65	50	0.005	ng/ul#	43
47) Dimethylphthalate	14.257	163	679	0.014	ng/ul#	78
48) 2,6-Dinitrotoluene	14.387	165	29	0.003	ng/ul#	26
50) Acenaphthylene	14.534	152	9386	0.145	ng/ul#	96
51) 3-Nitroaniline	14.692	138	204	0.026	ng/ul#	13
52) Acenaphthene	14.869	153	38853	0.869	ng/ul	98
53) 2,4-Dinitrophenol	14.916	184	34	0.006	ng/ul#	1
55) 4-Nitrophenol	15.004	109	274	0.044	ng/ul#	48
56) Dibenzofuran	15.204	168	26458	0.439	ng/ul	100
57) 2,4-Dinitrotoluene	15.157	165	109	0.009	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.428	232	90	0.008	ng/ul#	1
59) Diethylphthalate	15.616	149	1263	0.027	ng/ul#	90
61) Fluorene	15.857	166	34834	0.732	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.839	204	73	0.003	ng/ul#	1
63) 4-Nitroaniline	15.857	138	492	0.074	ng/ul#	48
66) 4,6-Dinitro-2-methylph...	15.922	198	65	0.009	ng/ul#	1
67) N-Nitrosodiphenylamine	16.063	169	1028	0.028	ng/ul#	76
68) 4-Bromophenyl-phenylether	16.757	248	66	0.005	ng/ul#	1
69) Hexachlorobenzene	16.845	284	7	0.000	ng/ul#	1
70) Atrazine	17.004	200	82	0.007	ng/ul#	1
71) Pentachlorophenol	17.210	266	239	0.028	ng/ul#	79
72) Phenanthrene	17.604	178	483824	7.353	ng/ul	99
74) Anthracene	17.698	178	100587	1.535	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	27	0.001	ng/uL	90
76) Pentachlorobenzene	15.122	250	40	0.002	ng/uL#	46
77) Carbazole	17.963	167	34100	0.619	ng/ul	99
78) Di-n-butylphthalate	18.498	149	17215	0.279	ng/ul	99
80) Fluoranthene	19.557	202	872206	11.776	ng/ul	98
82) Pyrene	19.910	202	738596	9.412	ng/ul	97
83) Butylbenzylphthalate	20.769	149	16756	0.711	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.557	252	389	0.026	ng/ul#	47
85) Benzo(a)anthracene	21.627	228	368040	6.161	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	101911	3.438	ng/ul	98
87) Chrysene	21.686	228	368989	6.135	ng/ul	99
89) Di-n-octyl phthalate	22.521	149	35769	0.548	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	557000	7.708	ng/ul	97
91) Benzo(k)fluoranthene	23.445	252	557000	7.573	ng/ul	98
93) Benzo(a)pyrene	24.127	252	364879	5.757	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.998	276	277784	3.593	ng/ul	95
95) Dibenzo(a,h)anthracene	26.892	278	12140	0.192	ng/ul	97
96) Benzo(g,h,i)perylene	27.845	276	269069	4.089	ng/ul	99

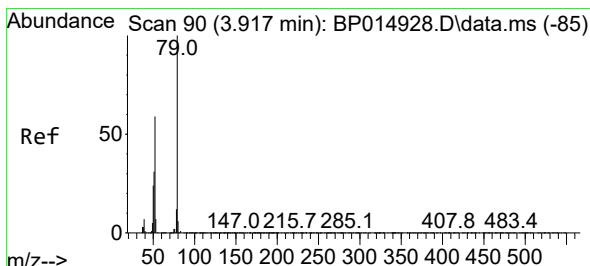
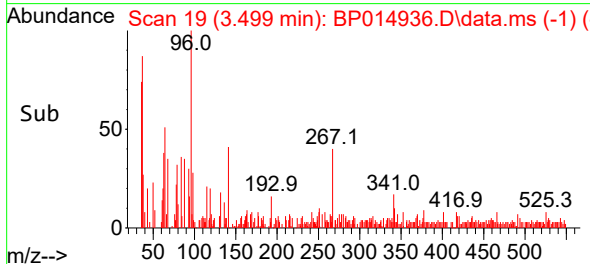
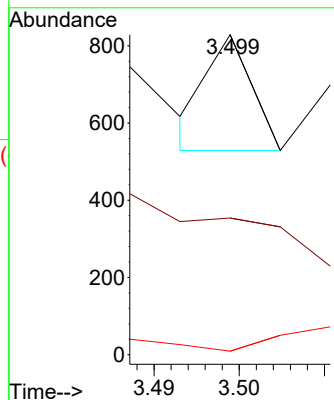
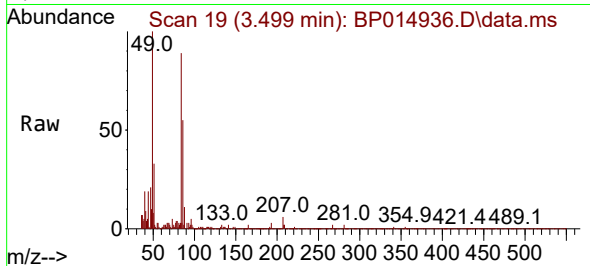
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#2
1,4-Dioxane
Concen: 0.013 ng/uL
RT: 3.499 min Scan# 19
Delta R.T. -0.000 min
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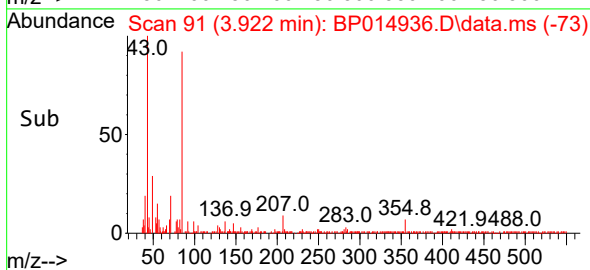
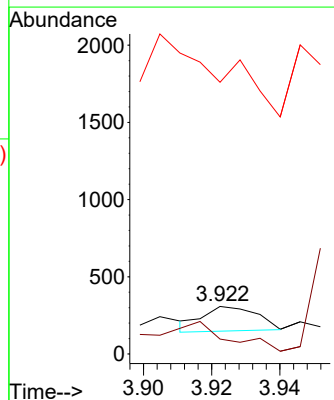
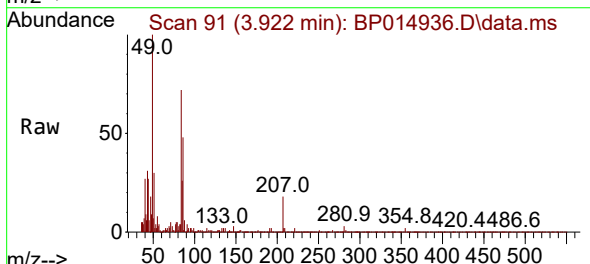
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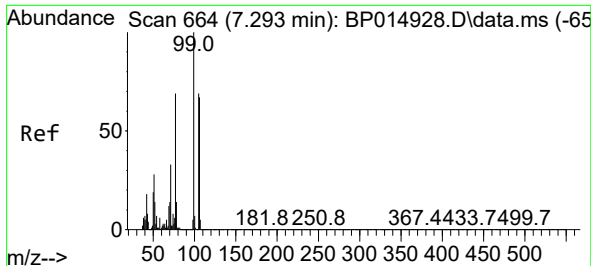
Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 42.7 20.6 31.0#
58 1.1 54.4 81.6#



#5
Pyridine
Concen: 0.008 ng/uL
RT: 3.922 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion: 79 Resp: 175
Ion Ratio Lower Upper
79 100
52 31.5 54.7 82.1#
51 571.4 25.5 38.3#

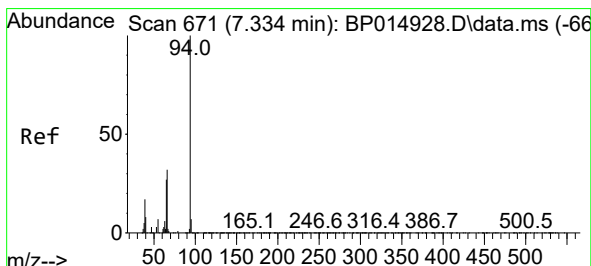
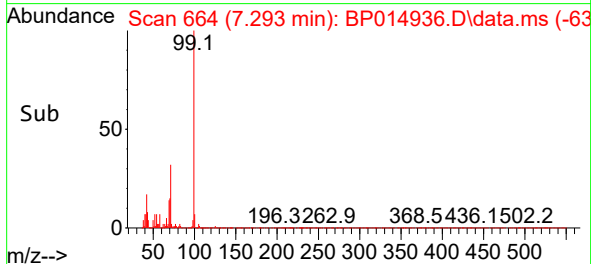
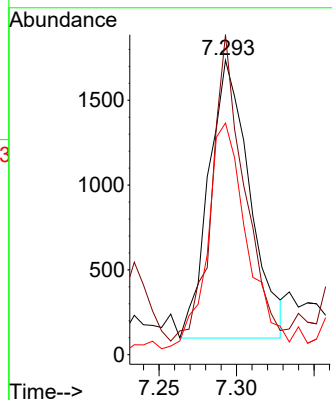
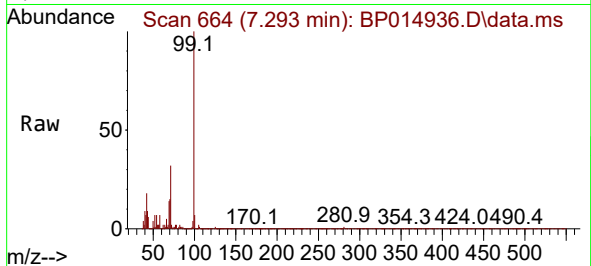




#6
Benzaldehyde
Concen: 0.451 ng/ul
RT: 7.293 min Scan# 604
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

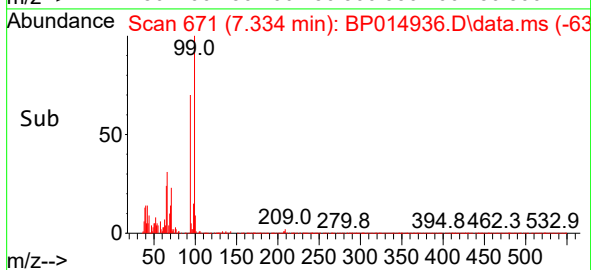
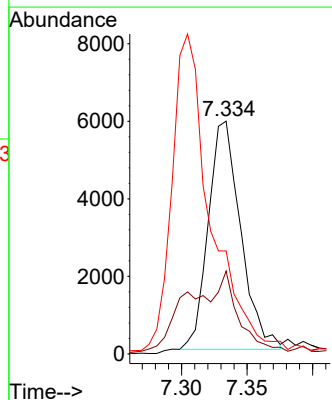
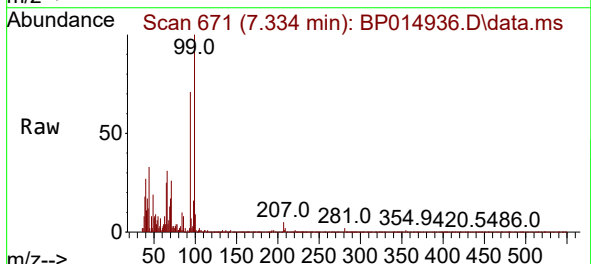
Instrument :
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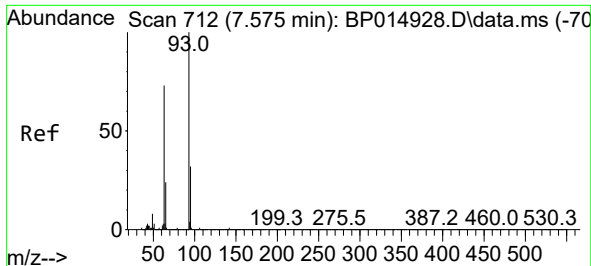
Tgt Ion: 77 Resp: 3014
Ion Ratio Lower Upper
77 100
105 108.7 80.7 121.1
106 78.7 77.6 116.4



#8
Phenol
Concen: 0.395 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion: 94 Resp: 10141
Ion Ratio Lower Upper
94 100
65 35.6 21.4 32.0#
66 44.3 25.8 38.8#

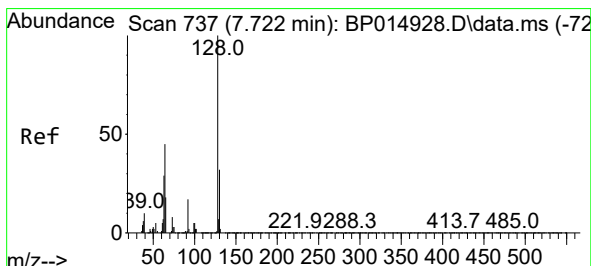
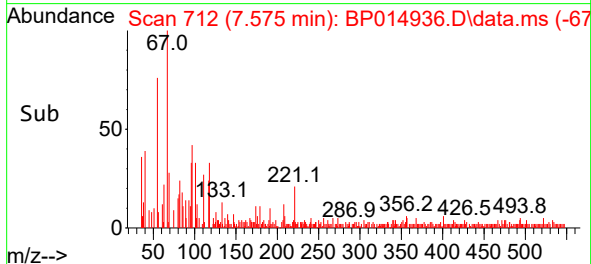
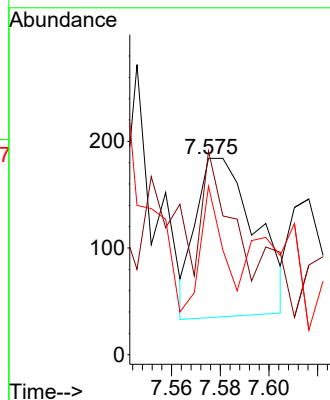
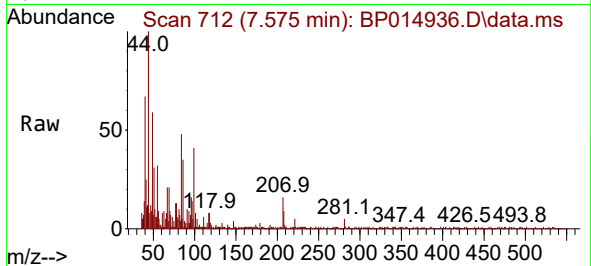




#10
Bis(2-Chloroethyl)ether
Concen: 0.012 ng/ul
RT: 7.575 min Scan# 712
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

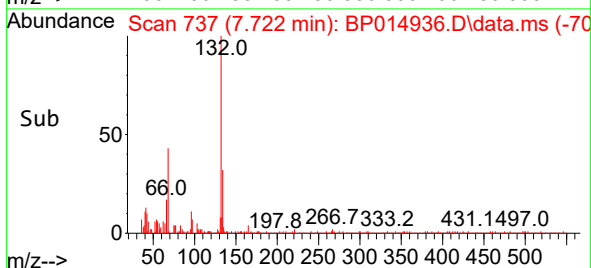
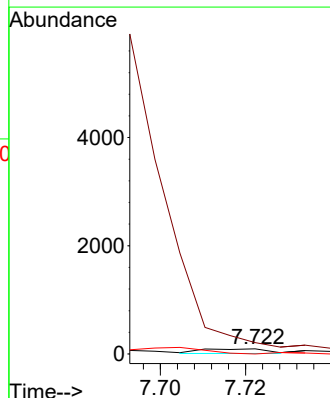
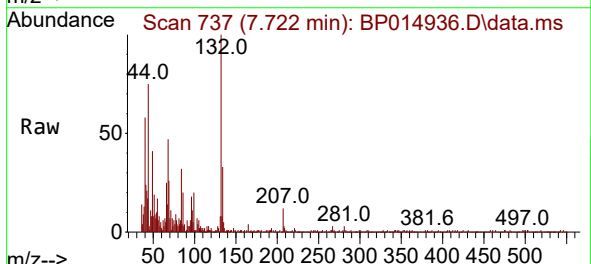
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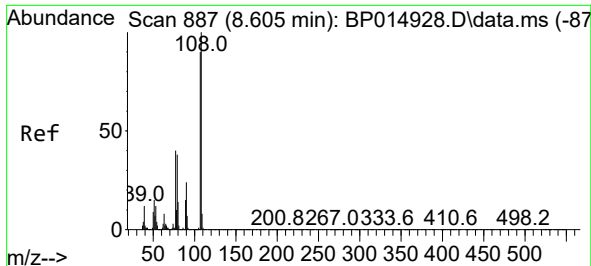
Tgt Ion: 93 Resp: 252
Ion Ratio Lower Upper
93 100
63 75.2 58.1 87.1
95 62.2 26.0 39.0#



#12
2-Chlorophenol
Concen: 0.005 ng/ul
RT: 7.722 min Scan# 737
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:128 Resp: 91
Ion Ratio Lower Upper
128 100
64 219.8 36.6 55.0#
130 0.0 25.8 38.8#

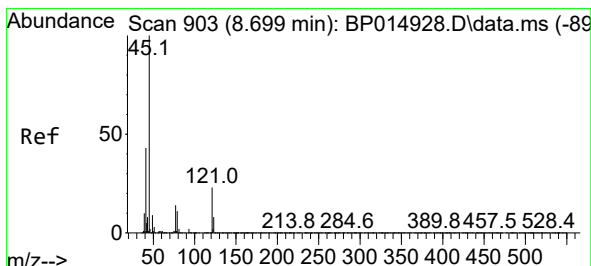
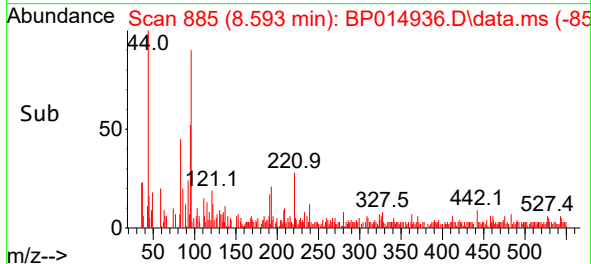
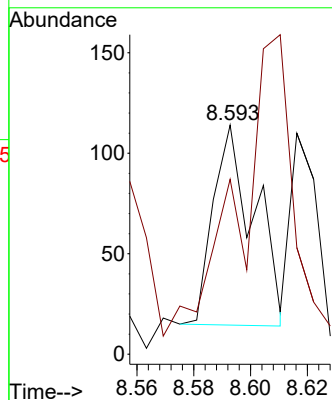
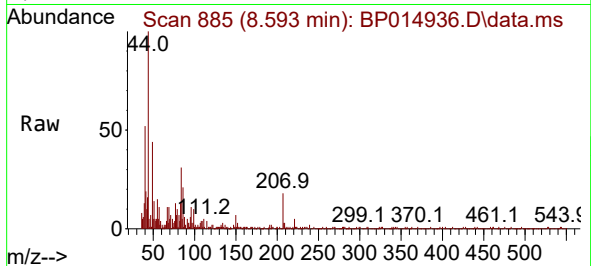




#13
2-Methylphenol
Concen: 0.005 ng/ul
RT: 8.593 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

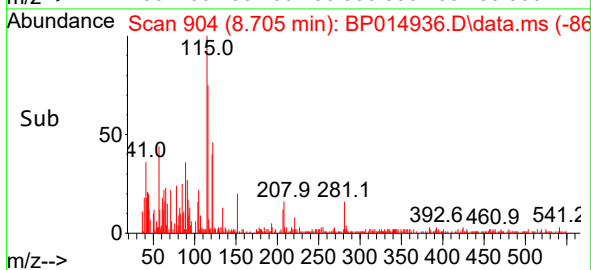
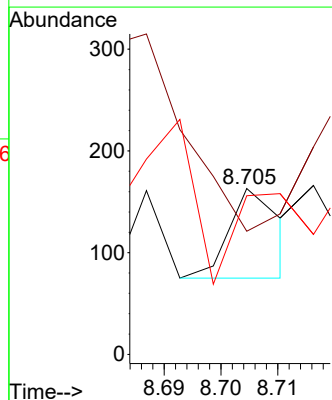
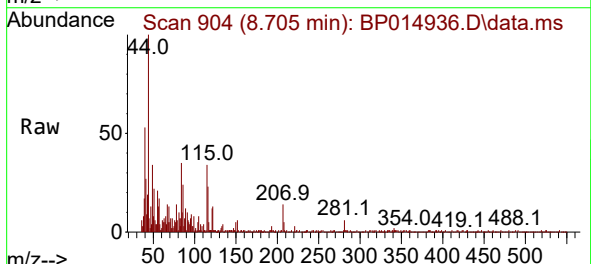
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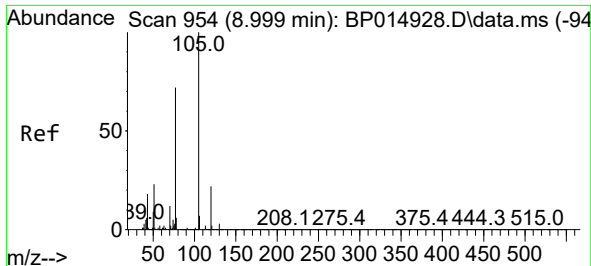
Tgt Ion:108 Resp: 100
Ion Ratio Lower Upper
108 100
107 76.3 71.7 107.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.002 ng/ul
RT: 8.705 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion: 45 Resp: 56
Ion Ratio Lower Upper
45 100
77 74.2 12.3 18.5#
79 95.7 9.5 14.3#

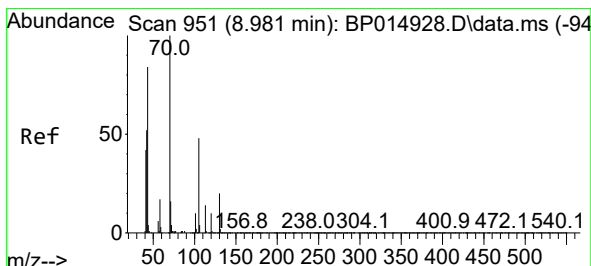
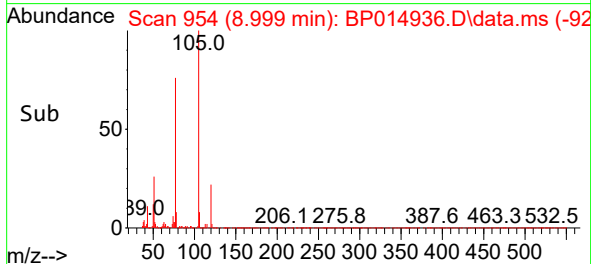
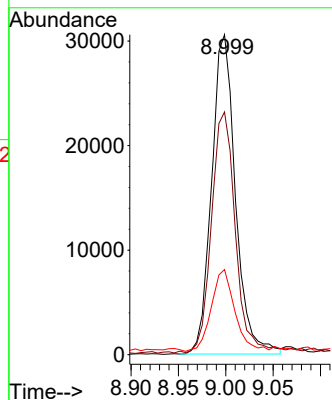
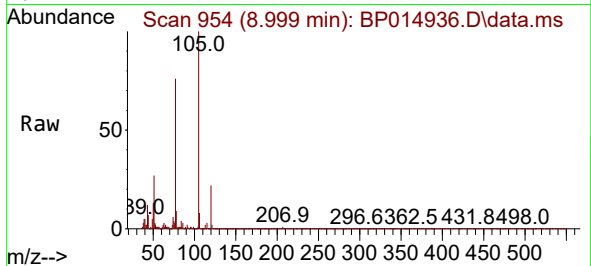




#16
Acetophenone
Concen: 1.737 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

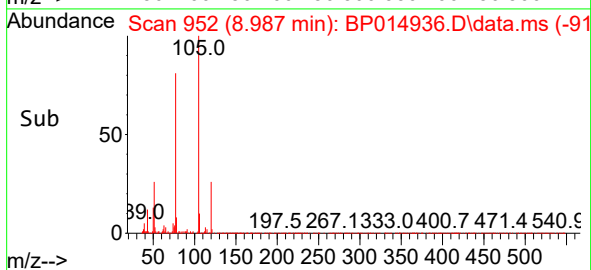
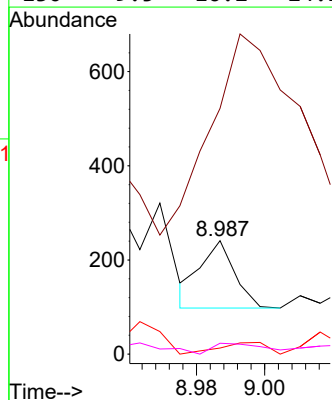
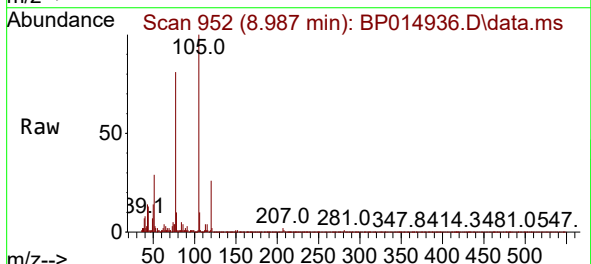
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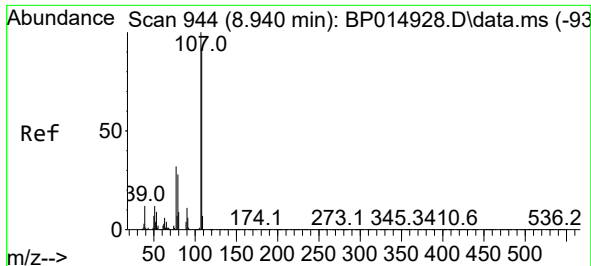
Tgt Ion:105 Resp: 53521
Ion Ratio Lower Upper
105 100
77 75.9 61.2 91.8
51 26.6 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 0.006 ng/ul
RT: 8.987 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion: 70 Resp: 99
Ion Ratio Lower Upper
70 100
42 216.6 41.9 62.9#
101 5.4 7.7 11.5#
130 9.5 16.2 24.2#





#18

4-Methylphenol

Concen: 0.001 ng/ul

RT: 8.981 min Scan# 91

Delta R.T. 0.041 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

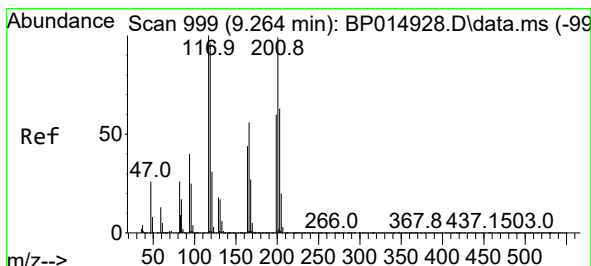
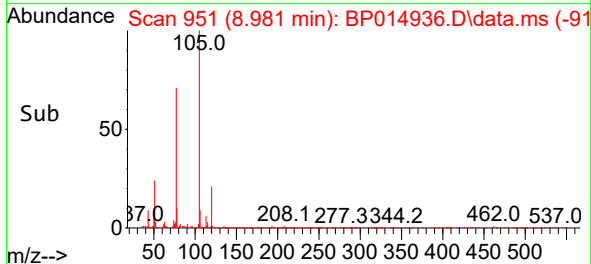
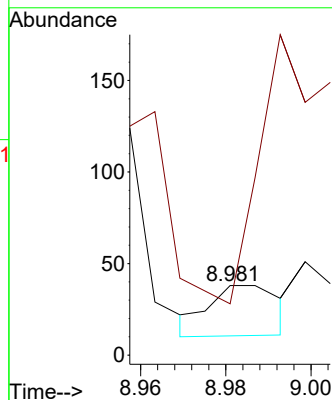
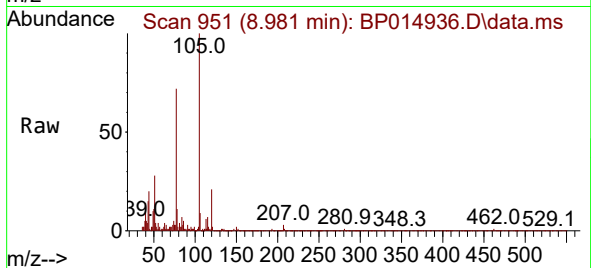
EW930

Tgt Ion:108 Resp: 31

Ion Ratio Lower Upper

108 100

107 115.8 87.2 130.8



#19

Hexachloroethane

Concen: 0.037 ng/ul

RT: 9.281 min Scan# 1002

Delta R.T. 0.017 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

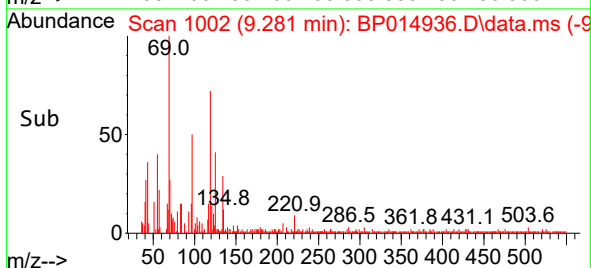
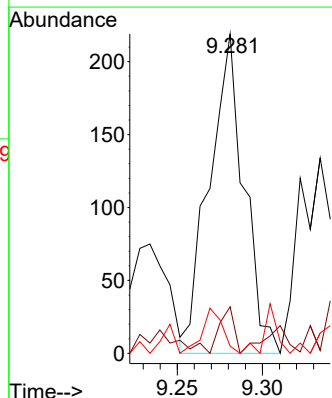
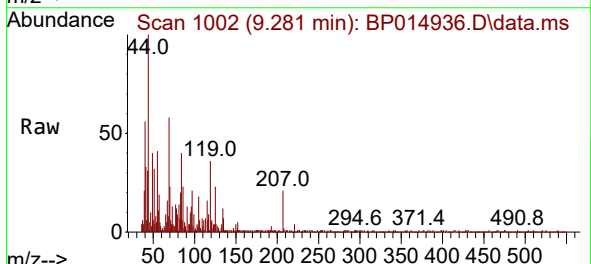
Tgt Ion:117 Resp: 311

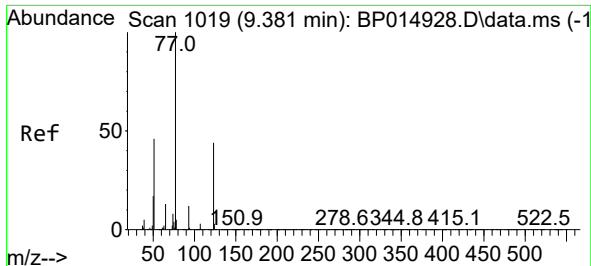
Ion Ratio Lower Upper

117 100

201 14.6 78.9 118.3#

199 2.3 48.3 72.5#

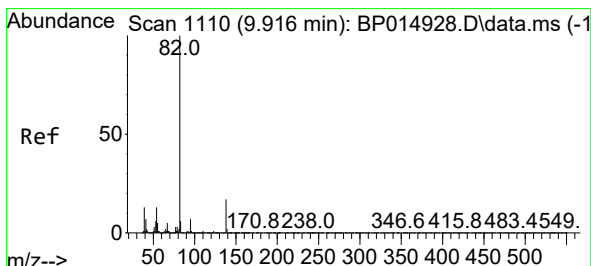
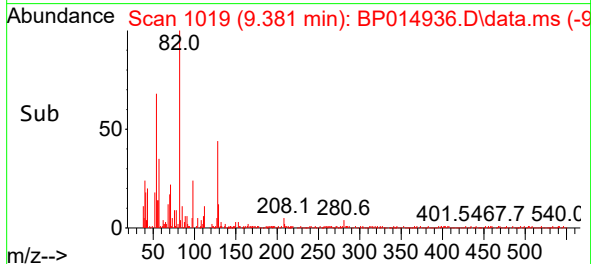
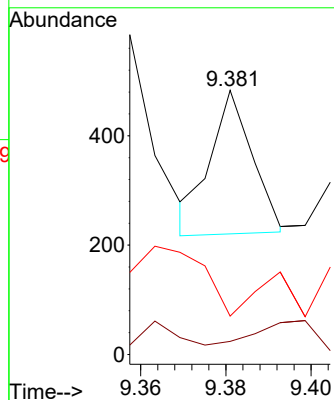
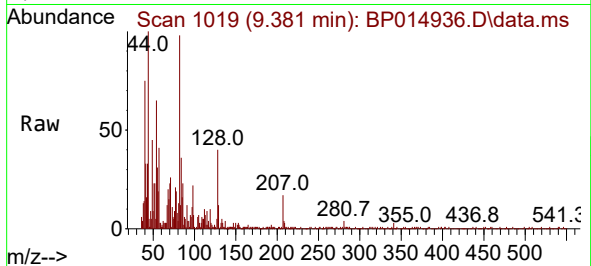




#22
Nitrobenzene
Concen: 0.008 ng/ul
RT: 9.381 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

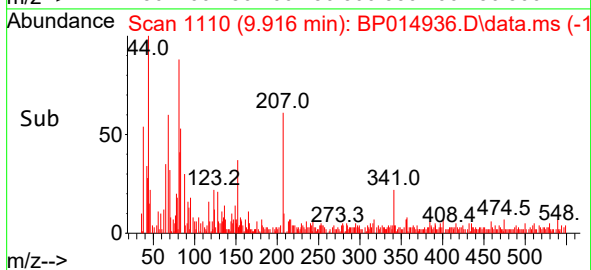
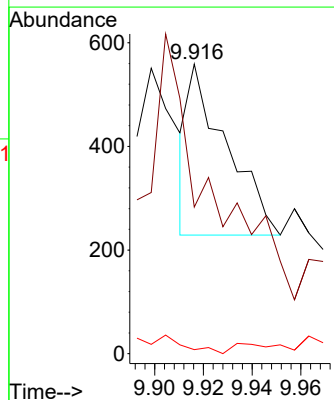
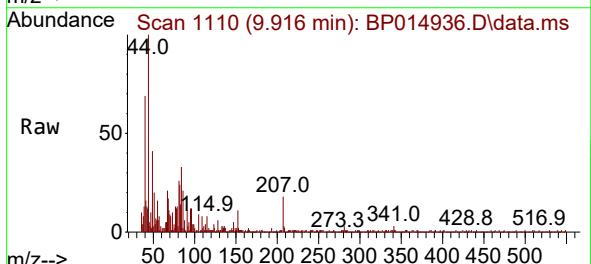
Instrument :
BNA_P
ClientSampleId :
EW930

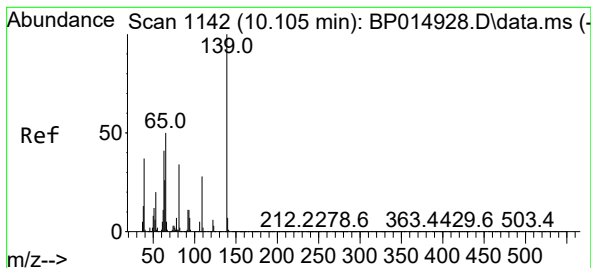
Tgt Ion: 77 Resp: 179
Ion Ratio Lower Upper
77 100
123 5.0 34.8 52.2#
65 14.5 10.2 15.2



#23
Isophorone
Concen: 0.008 ng/ul
RT: 9.916 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion: 82 Resp: 360
Ion Ratio Lower Upper
82 100
95 50.6 5.3 7.9#
138 2.1 13.9 20.9#





#25

2-Nitrophenol

Concen: 0.003 ng/ul

RT: 10.110 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

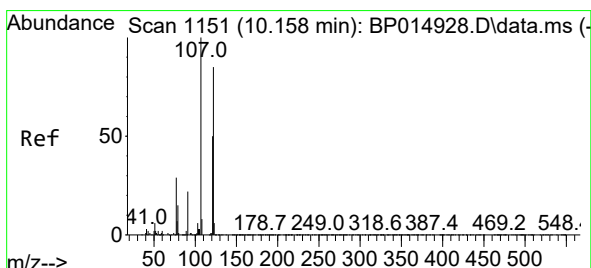
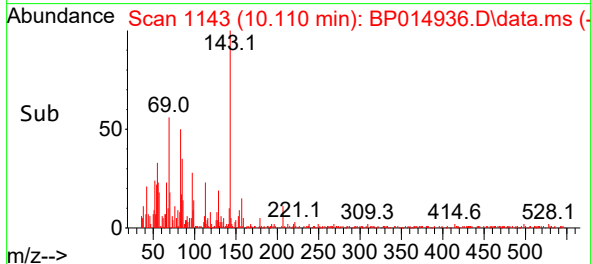
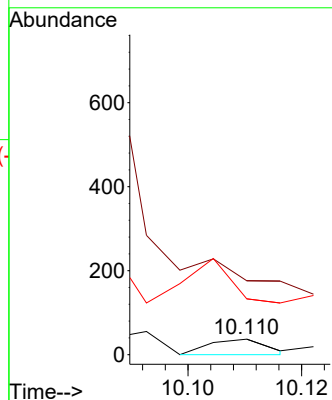
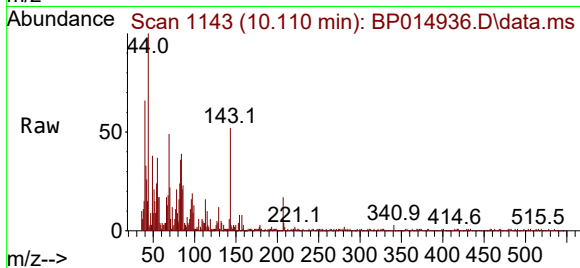
Tgt Ion:139 Resp: 26

Ion Ratio Lower Upper

139 100

65 325.9 40.5 60.7#

109 246.3 22.4 33.6#



#26

2,4-Dimethylphenol

Concen: 0.007 ng/ul

RT: 10.169 min Scan# 1153

Delta R.T. 0.012 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

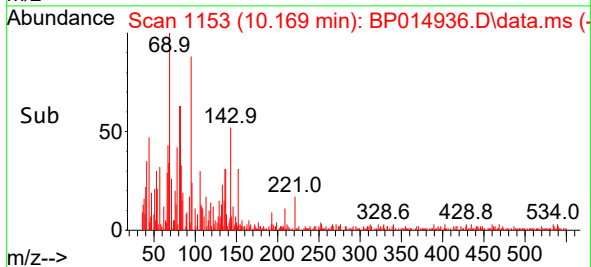
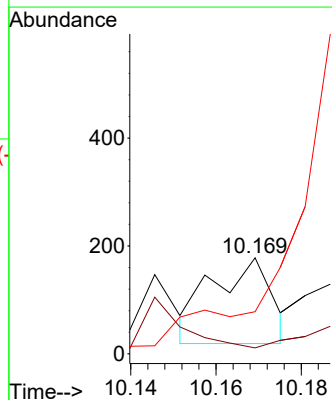
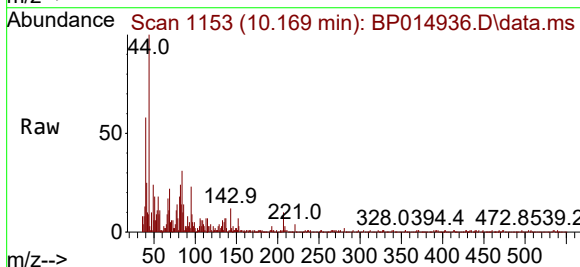
Tgt Ion:107 Resp: 154

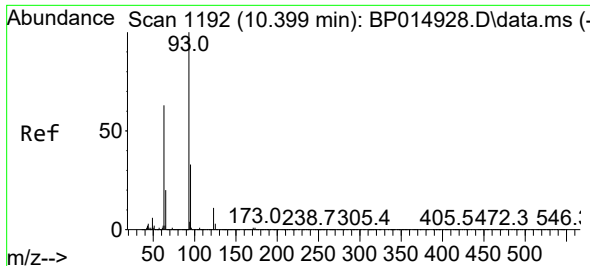
Ion Ratio Lower Upper

107 100

121 6.2 40.2 60.2#

122 54.5 69.6 104.4#

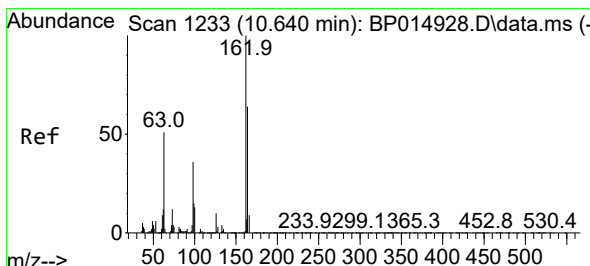
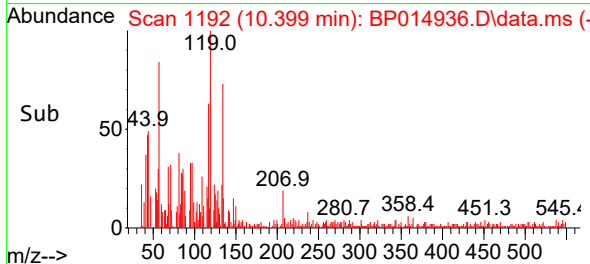
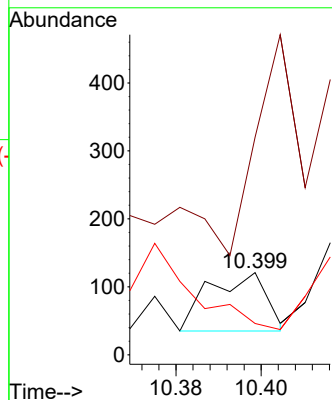
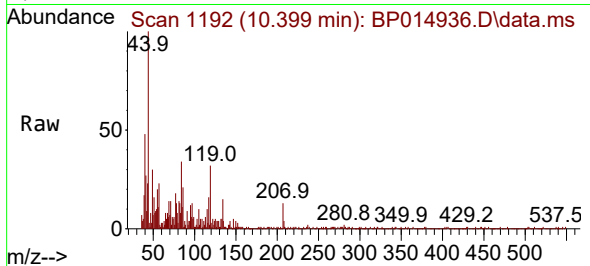




#27
 Bis(2-Chloroethoxy)methane
 Concen: 0.003 ng/ul
 RT: 10.399 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BP014936.D
 Acq: 03 May 2023 18:37

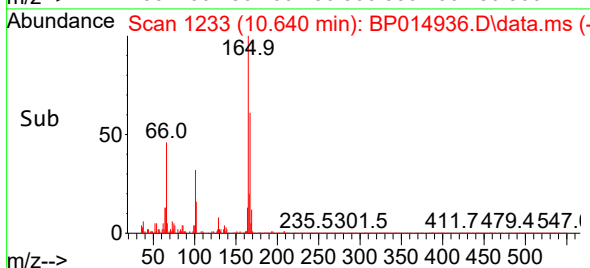
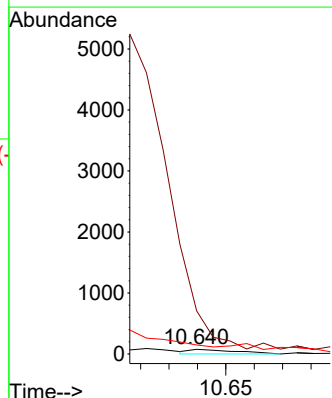
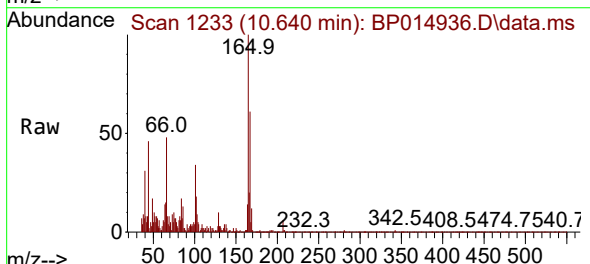
Instrument :
 BNA_P
 ClientSampleId :
 EW930

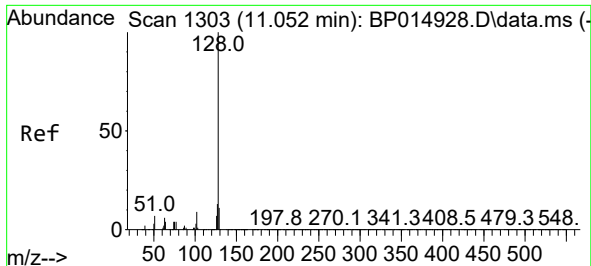
Tgt Ion: 93	Resp: 80
Ion Ratio	Lower Upper
93	100
95	264.5 26.1 39.1#
123	38.0 9.0 13.4#



#29
 2,4-Dichlorophenol
 Concen: 0.005 ng/ul
 RT: 10.640 min Scan# 1233
 Delta R.T. -0.000 min
 Lab File: BP014936.D
 Acq: 03 May 2023 18:37

Tgt Ion: 162	Resp: 86
Ion Ratio	Lower Upper
162	100
164	916.9 51.5 77.3#
98	190.9 28.8 43.2#

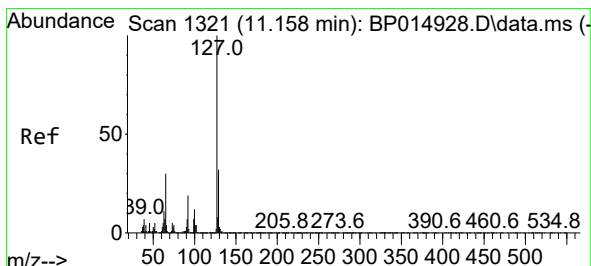
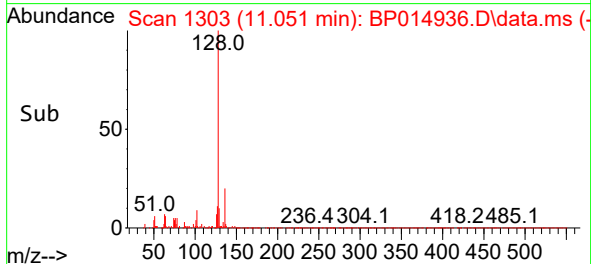
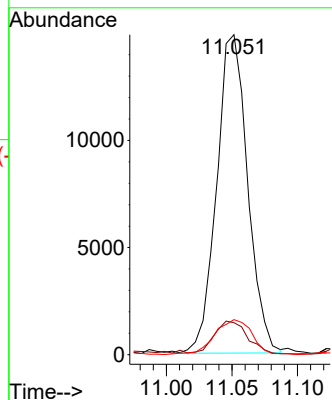
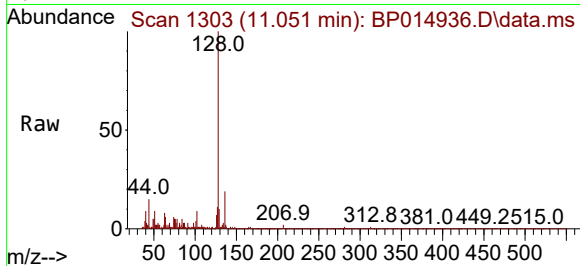




#30
Naphthalene
Concen: 0.369 ng/ul
RT: 11.051 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

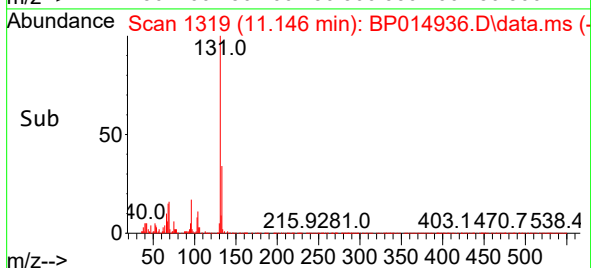
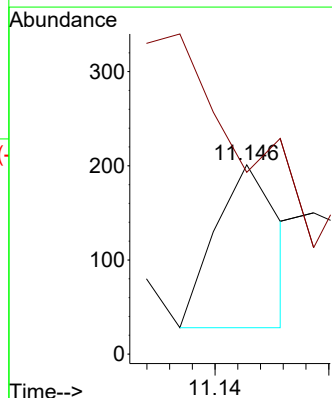
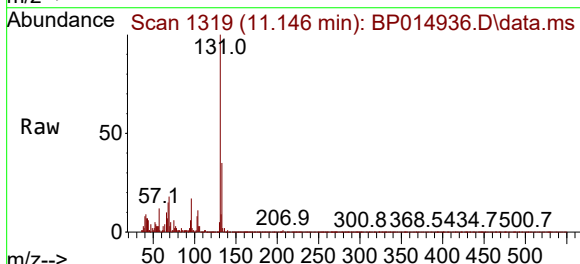
Instrument :
BNA_P
ClientSampleId :
EW930

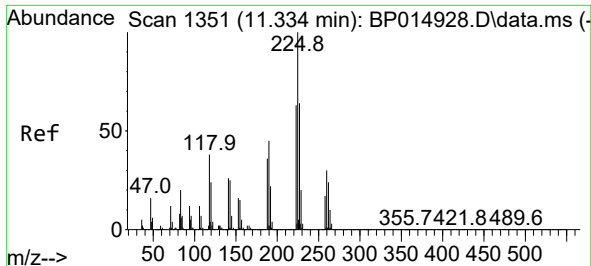
Tgt Ion:128	Resp:	24437
Ion Ratio	Lower	Upper
128	100	
129	10.0	8.7 13.1
127	11.0	10.4 15.6



#32
4-Chloroaniline
Concen: 0.005 ng/ul
RT: 11.146 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:127	Resp:	137
Ion Ratio	Lower	Upper
127	100	
129	96.0	25.5 38.3#





#33

Hexachlorobutadiene

Concen: 0.002 ng/ul

RT: 11.346 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

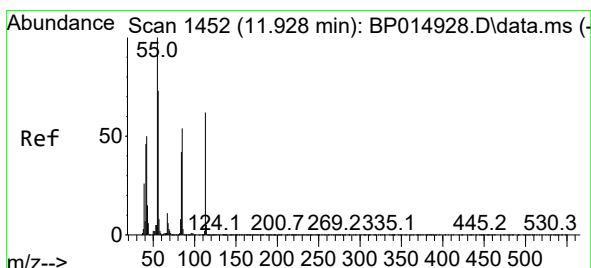
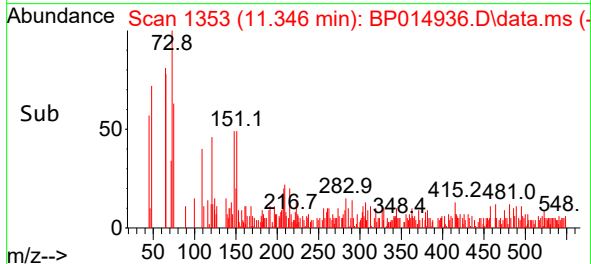
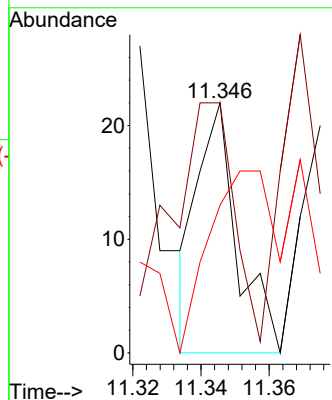
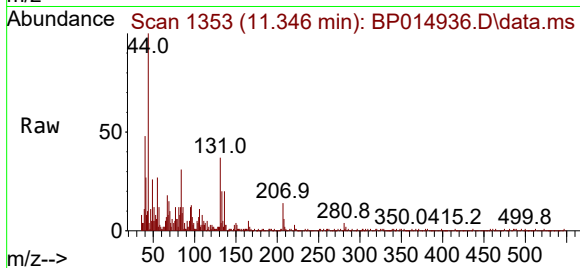
Tgt Ion:225 Resp: 18

Ion Ratio Lower Upper

225 100

223 113.6 50.6 76.0#

227 59.1 51.4 77.0



#34

Caprolactam

Concen: 0.018 ng/ul

RT: 11.928 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

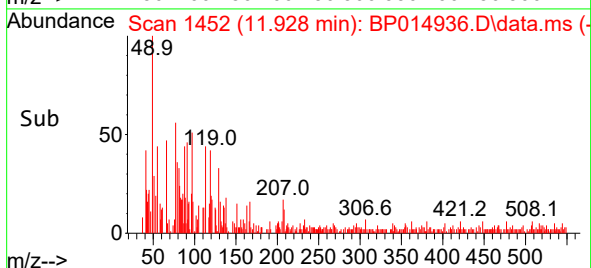
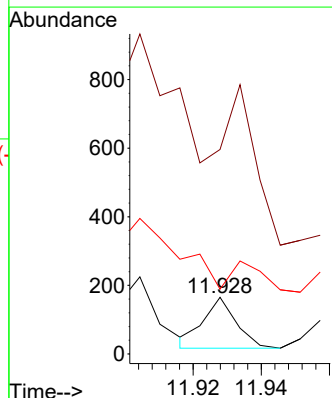
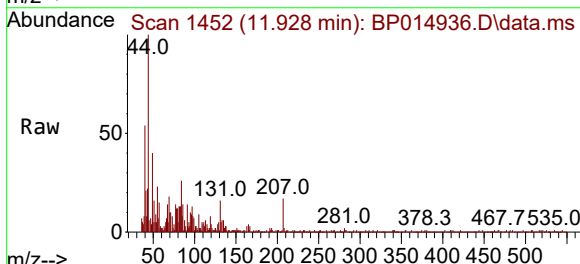
Tgt Ion:113 Resp: 98

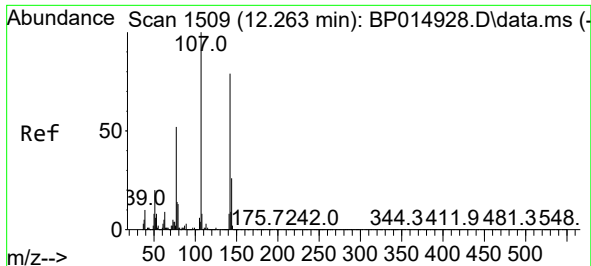
Ion Ratio Lower Upper

113 100

55 361.2 128.5 192.7#

56 114.5 94.3 141.5





#35

4-Chloro-3-methylphenol

Concen: 0.004 ng/ul

RT: 12.263 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

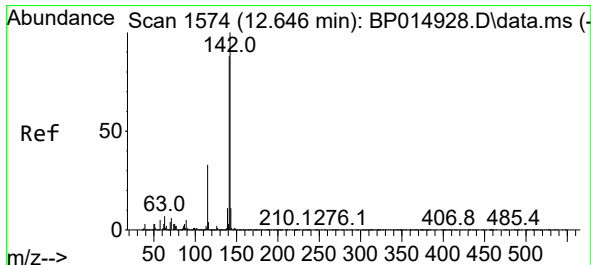
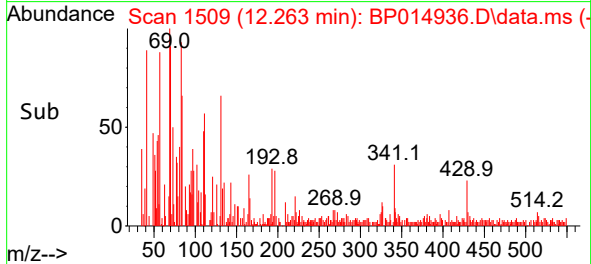
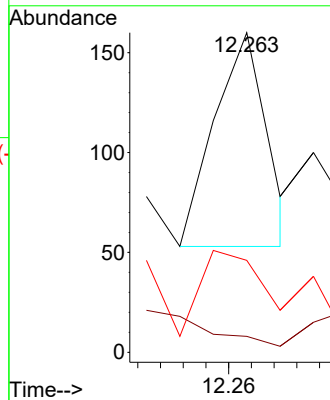
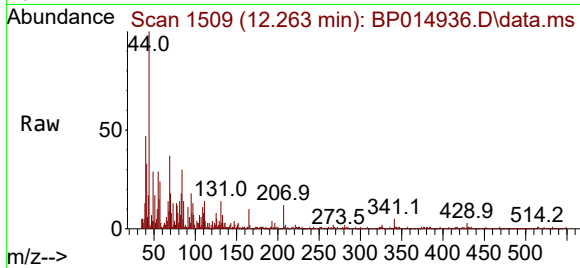
Tgt Ion:107 Resp: 69

Ion Ratio Lower Upper

107 100

144 5.0 20.6 30.8#

142 28.8 63.2 94.8#



#36

2-Methylnaphthalene

Concen: 0.222 ng/ul

RT: 12.646 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BP014936.D

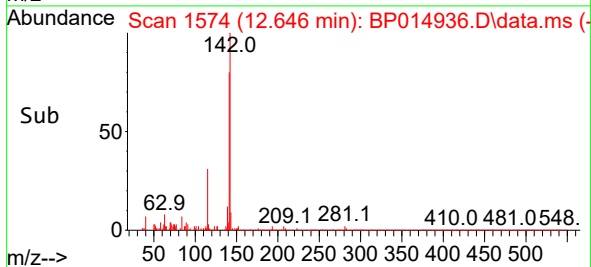
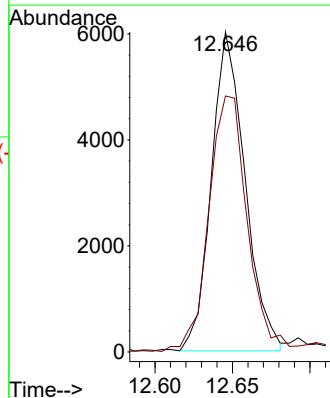
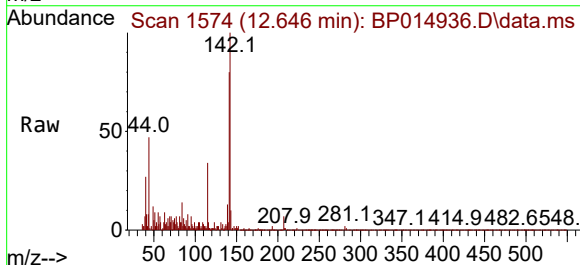
Acq: 03 May 2023 18:37

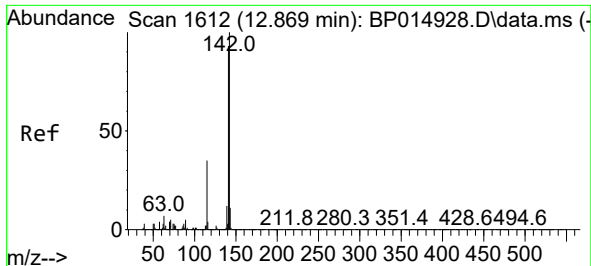
Tgt Ion:142 Resp: 9081

Ion Ratio Lower Upper

142 100

141 80.0 70.5 105.7

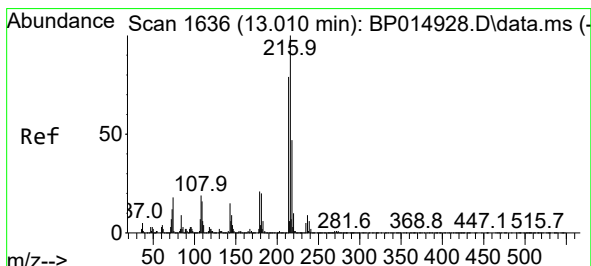
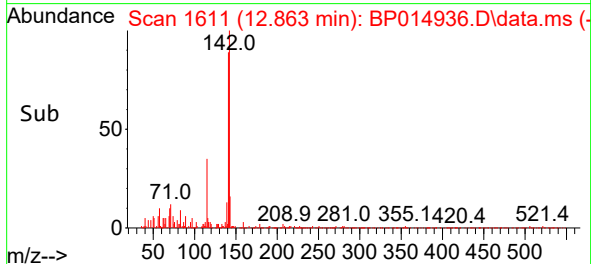
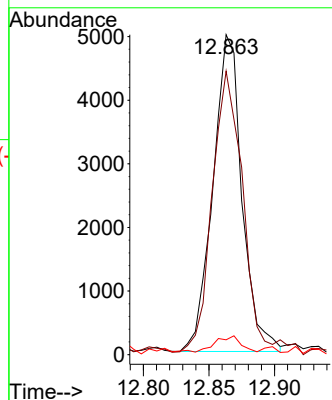
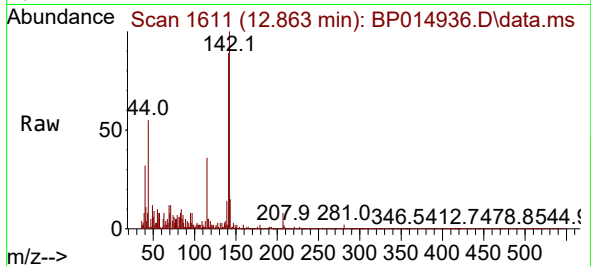




#37
1-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.863 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

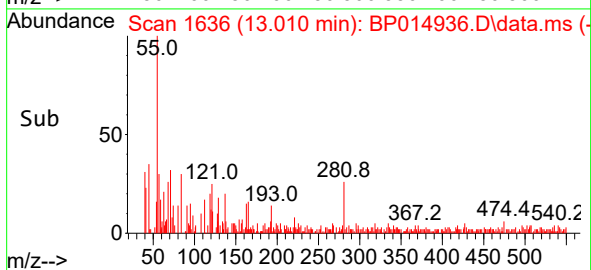
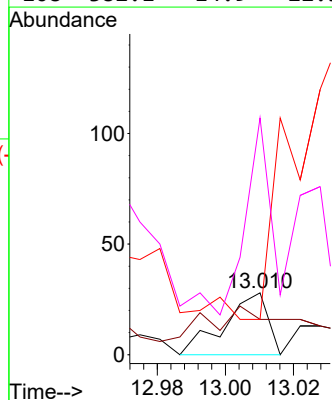
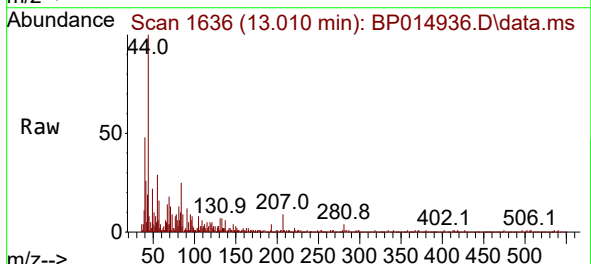
Instrument :
BNA_P
ClientSampleId :
EW930

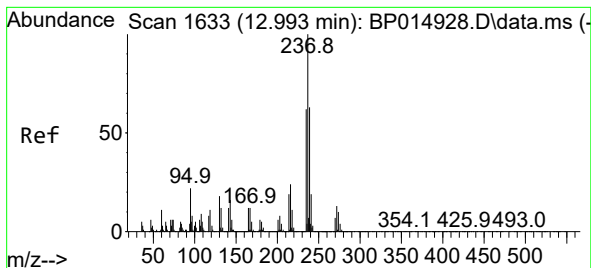
Tgt Ion:142 Resp: 7690
Ion Ratio Lower Upper
142 100
141 88.6 74.4 111.6
116 4.7 2.9 4.3#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.001 ng/ul
RT: 13.010 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:216 Resp: 25
Ion Ratio Lower Upper
216 100
214 57.1 63.0 94.4#
179 57.1 16.9 25.3#
108 382.1 14.9 22.3#





#40

Hexachlorocyclopentadiene

Concen: 0.001 ng/ul

RT: 13.004 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

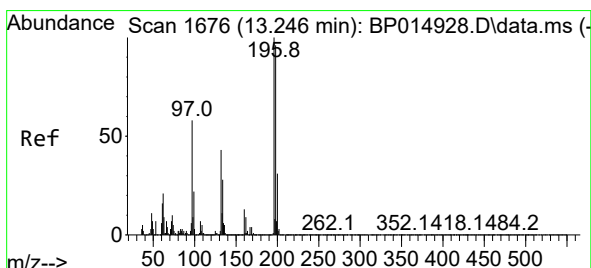
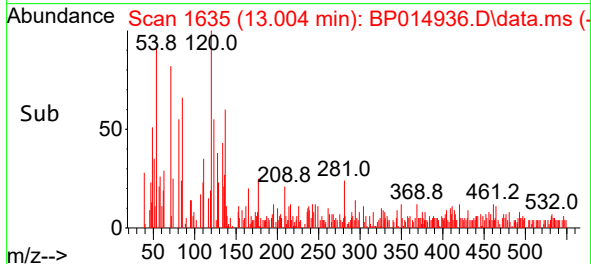
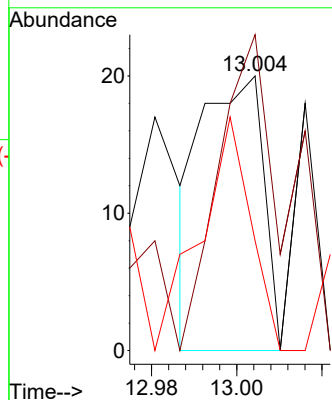
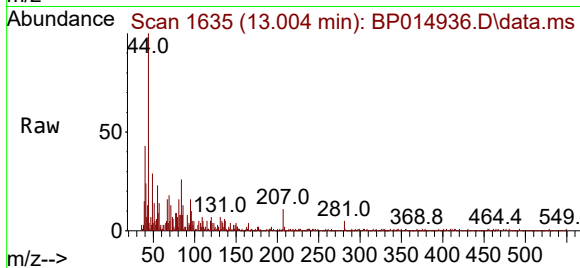
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 115.0 49.9 74.9#

272 40.0 10.0 15.0#



#41

2,4,6-Trichlorophenol

Concen: 0.000 ng/ul

RT: 13.240 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

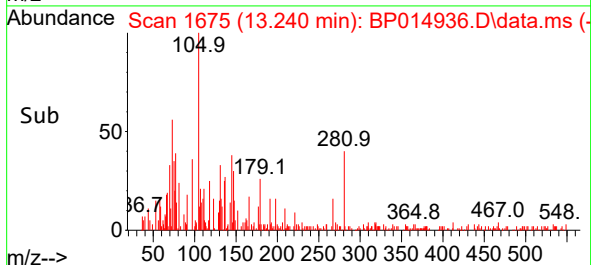
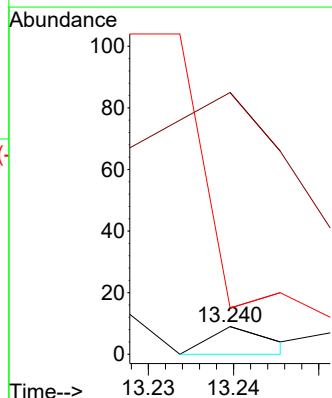
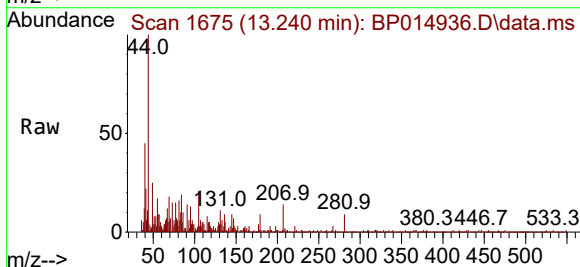
Tgt Ion:196 Resp: 5

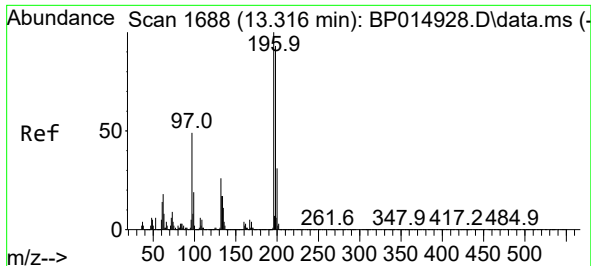
Ion Ratio Lower Upper

196 100

198 944.4 76.8 115.2#

200 344.4 24.6 36.8#

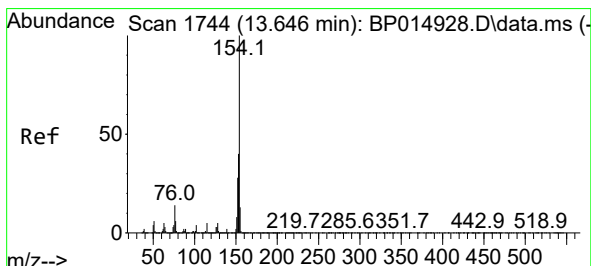
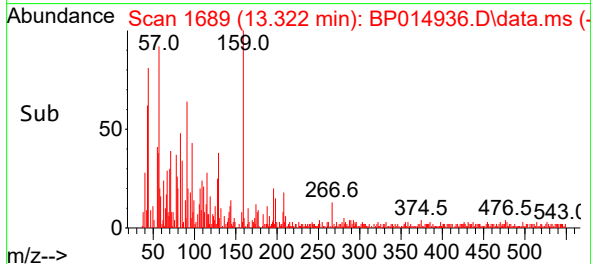
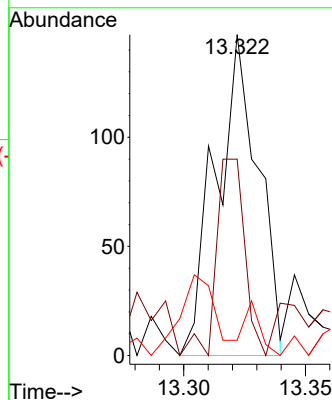
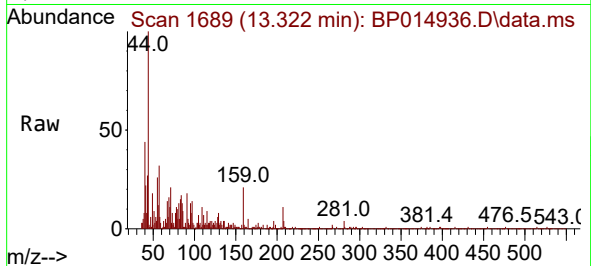




#42
2,4,5-Trichlorophenol
Concen: 0.013 ng/ul
RT: 13.322 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

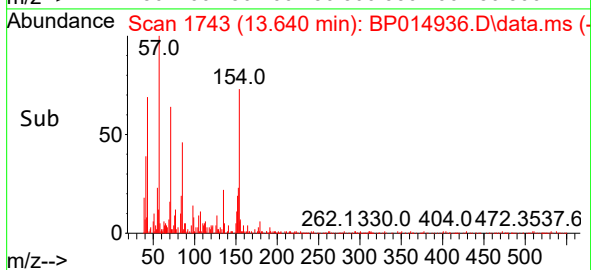
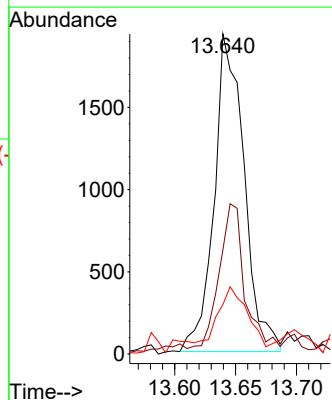
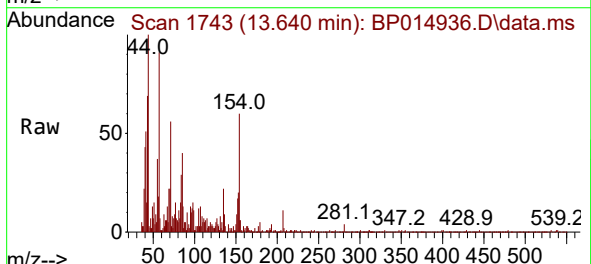
Instrument :
BNA_P
ClientSampleId :
EW930

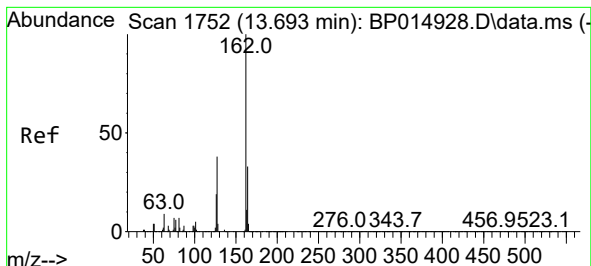
Tgt Ion:196 Resp: 178
Ion Ratio Lower Upper
196 100
198 61.2 74.2 111.4#
200 4.8 24.6 37.0#



#43
1,1'-Biphenyl
Concen: 0.062 ng/ul
RT: 13.640 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:154 Resp: 3313
Ion Ratio Lower Upper
154 100
153 32.6 31.9 47.9
76 15.5 11.3 16.9

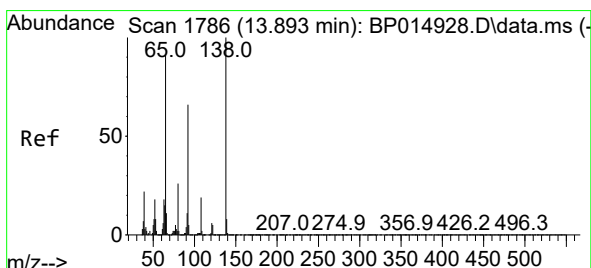
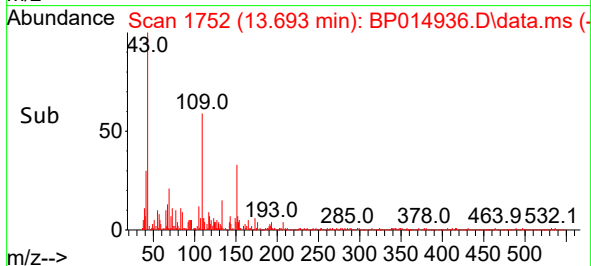
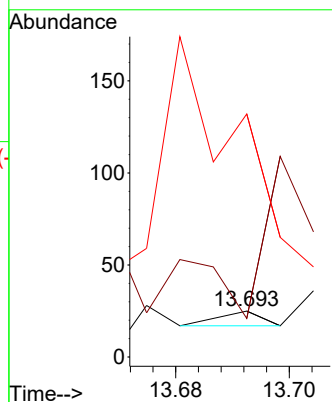
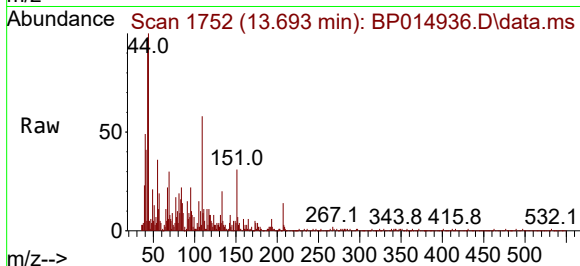




#44
2-Chloronaphthalene
Concen: 0.000 ng/ul
RT: 13.693 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

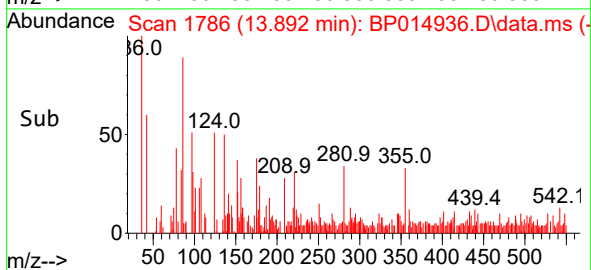
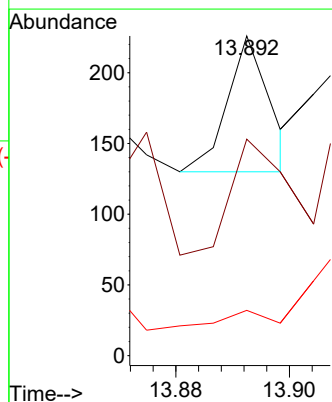
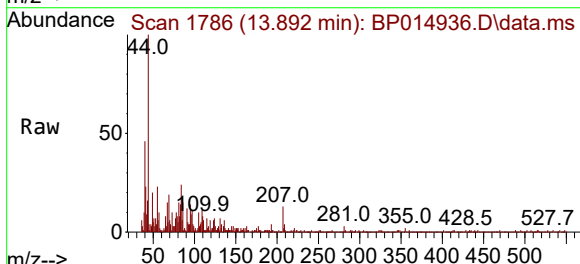
Instrument :
BNA_P
ClientSampleId :
EW930

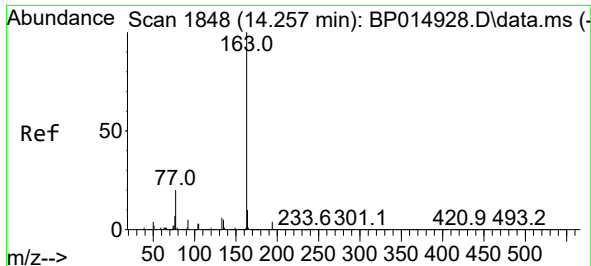
Tgt Ion:162 Resp: 4
Ion Ratio Lower Upper
162 100
164 84.0 26.3 39.5#
127 528.0 30.4 45.6#



#45
2-Nitroaniline
Concen: 0.005 ng/ul
RT: 13.892 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion: 65 Resp: 50
Ion Ratio Lower Upper
65 100
92 67.7 58.3 87.5
138 14.2 87.9 131.9#

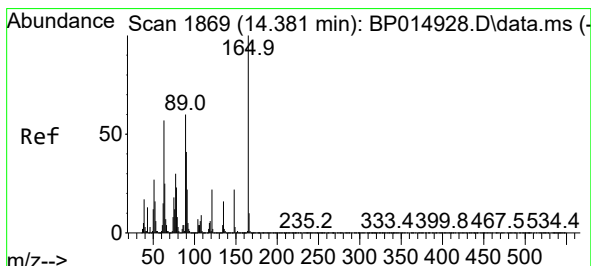
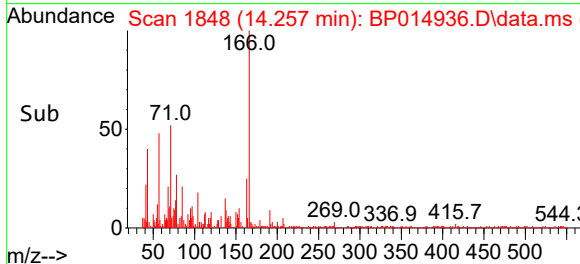
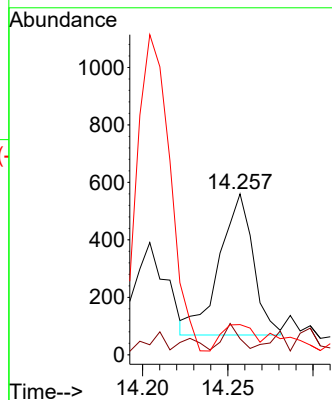
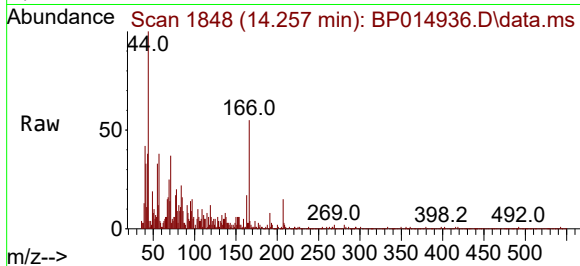




#47
Dimethylphthalate
Concen: 0.014 ng/ul
RT: 14.257 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

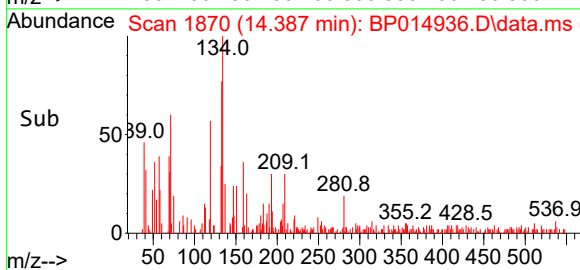
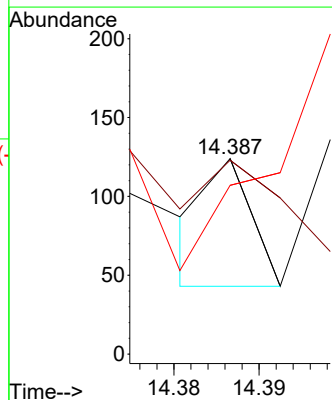
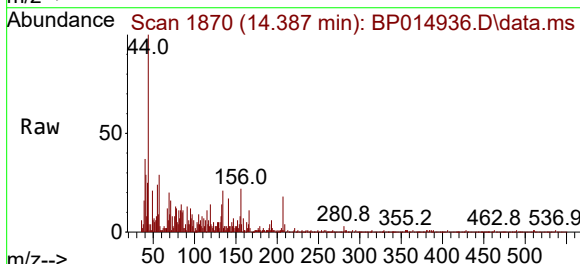
Instrument :
BNA_P
ClientSampleId :
EW930

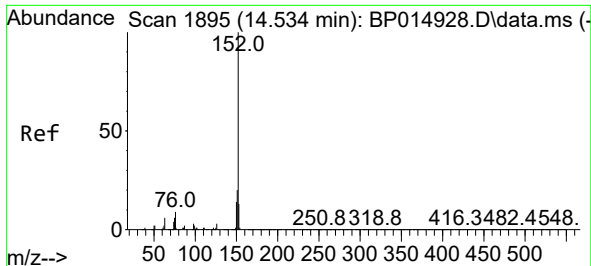
Tgt Ion:163 Resp: 679
Ion Ratio Lower Upper
163 100
194 10.0 3.1 4.7#
164 18.7 8.0 12.0#



#48
2,6-Dinitrotoluene
Concen: 0.003 ng/ul
RT: 14.387 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:165 Resp: 29
Ion Ratio Lower Upper
165 100
89 99.2 48.1 72.1#
121 86.3 17.3 25.9#

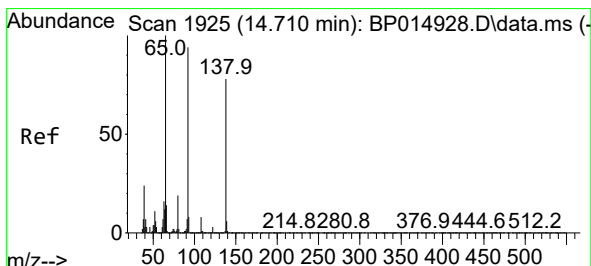
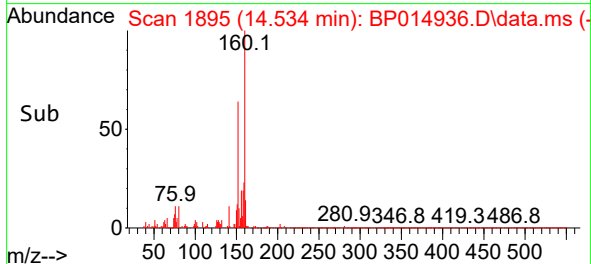
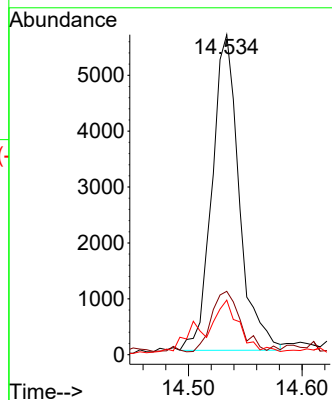
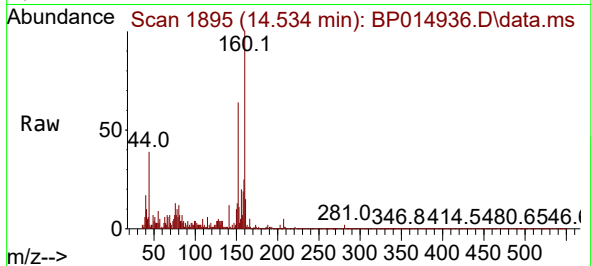




#50
Acenaphthylene
Concen: 0.145 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

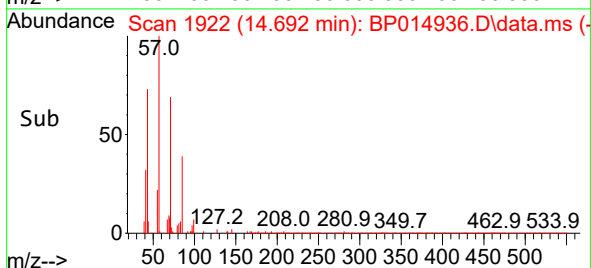
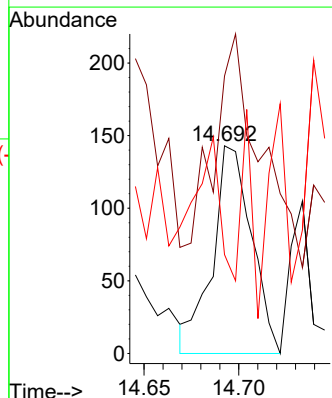
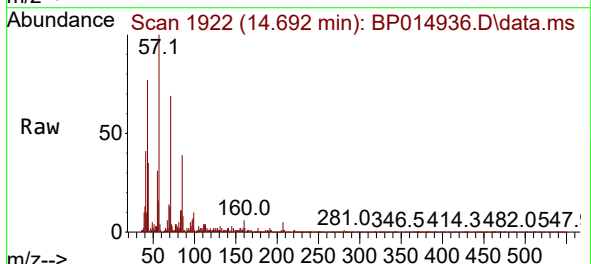
Instrument :
BNA_P
ClientSampleId :
EW930

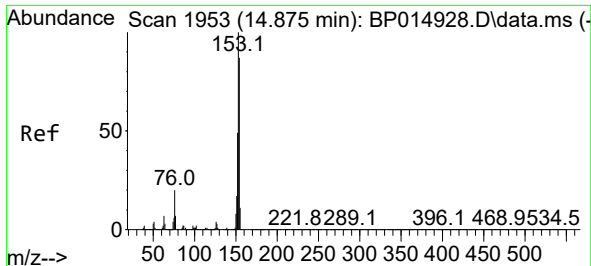
Tgt Ion:152 Resp: 9386
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 17.0 10.4 15.6#



#51
3-Nitroaniline
Concen: 0.026 ng/ul
RT: 14.692 min Scan# 1922
Delta R.T. -0.018 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:138 Resp: 204
Ion Ratio Lower Upper
138 100
108 128.2 8.5 12.7#
92 45.6 95.8 143.6#

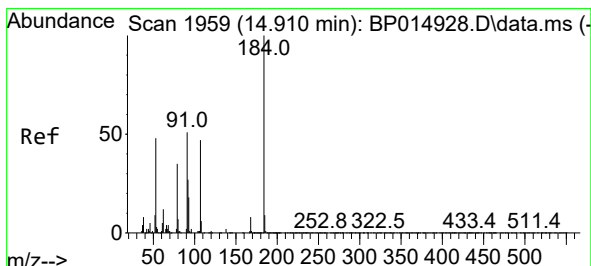
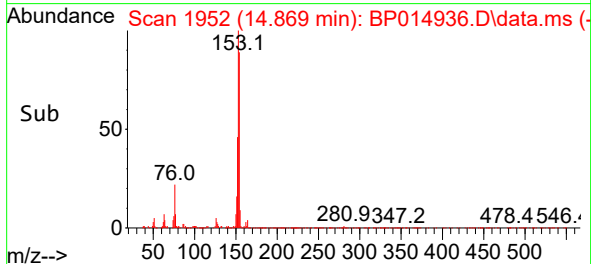
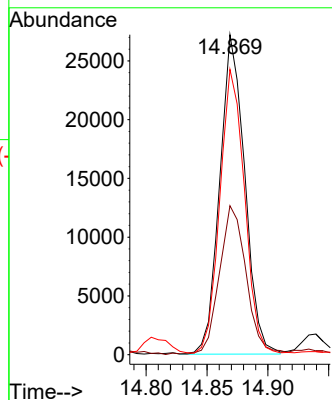
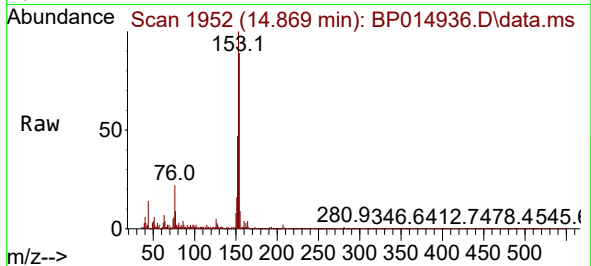




#52
Acenaphthene
Concen: 0.869 ng/ul
RT: 14.869 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

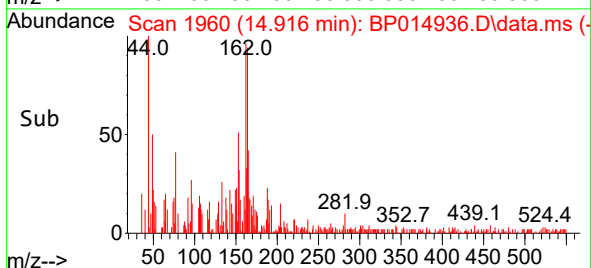
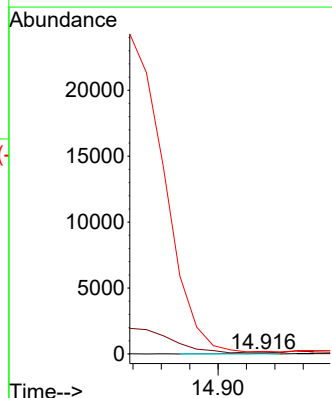
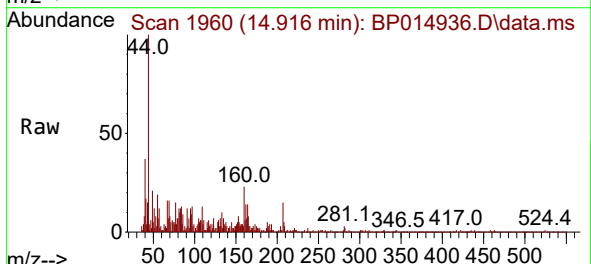
Instrument :
BNA_P
ClientSampleId :
EW930

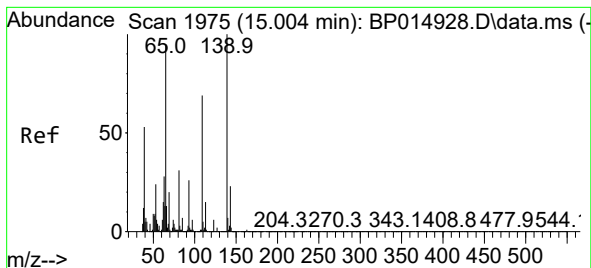
Tgt Ion:153 Resp: 38853
Ion Ratio Lower Upper
153 100
152 46.6 38.8 58.2
154 89.1 69.6 104.4



#53
2,4-Dinitrophenol
Concen: 0.006 ng/ul
RT: 14.916 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 412.9 56.3 84.5#
154 609.7 48.9 73.3#

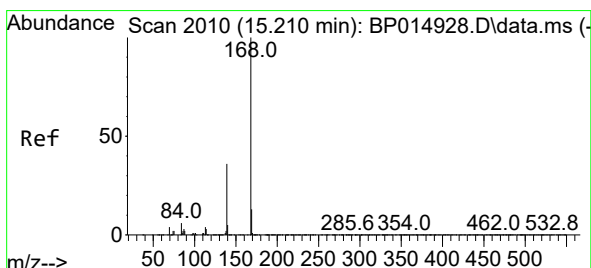
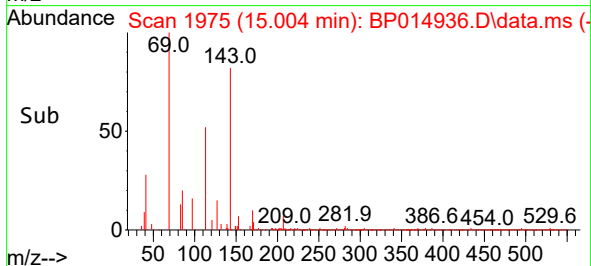
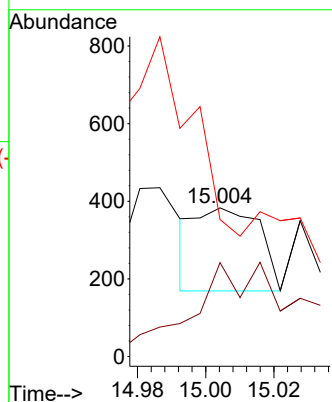
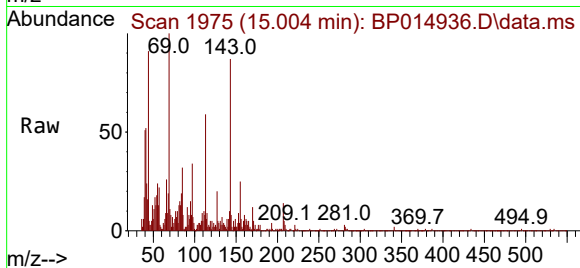




#55
4-Nitrophenol
Concen: 0.044 ng/ul
RT: 15.004 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

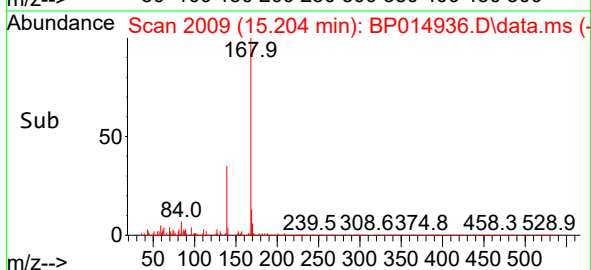
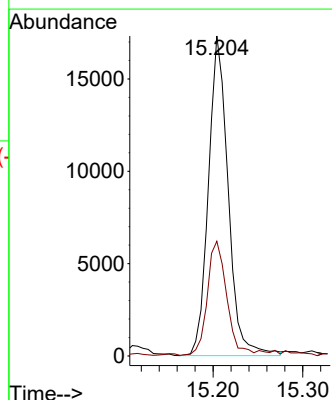
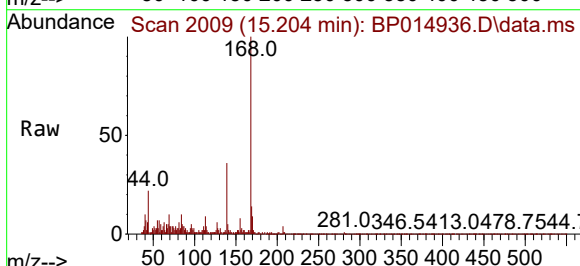
Instrument :
BNA_P
ClientSampleId :
EW930

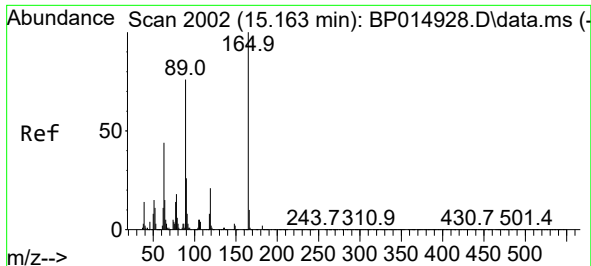
Tgt Ion:109 Resp: 274
Ion Ratio Lower Upper
109 100
139 63.2 115.1 172.7#
65 92.2 110.6 166.0#



#56
Dibenzofuran
Concen: 0.439 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:168 Resp: 26458
Ion Ratio Lower Upper
168 100
139 35.9 28.6 42.8





#57

2,4-Dinitrotoluene

Concen: 0.009 ng/ul

RT: 15.157 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

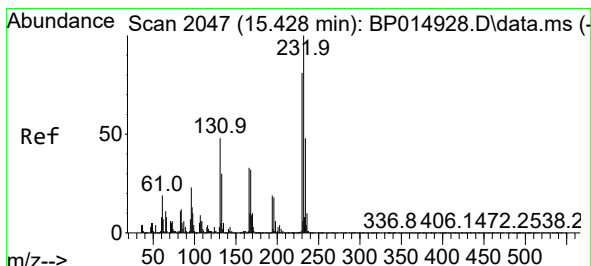
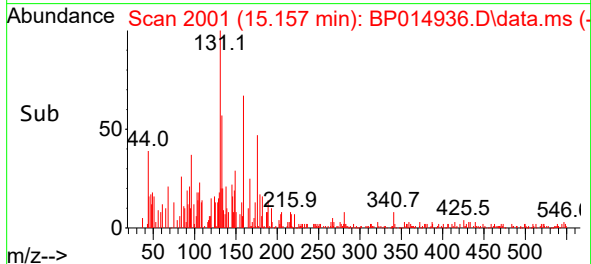
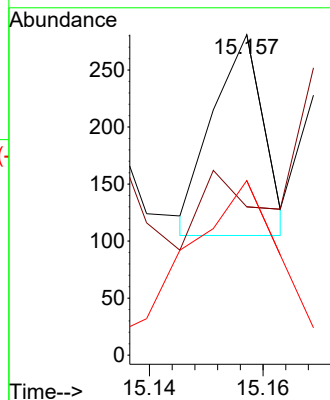
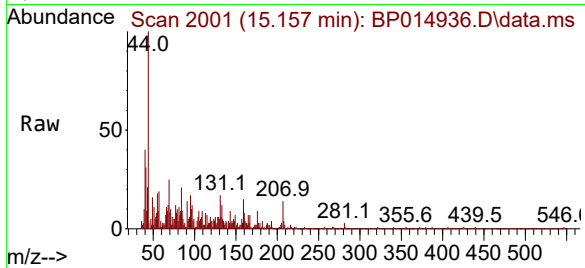
Tgt Ion:165 Resp: 109

Ion Ratio Lower Upper

165 100

63 46.3 35.7 53.5

182 54.4 2.2 3.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.008 ng/ul

RT: 15.428 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Tgt Ion:232 Resp: 90

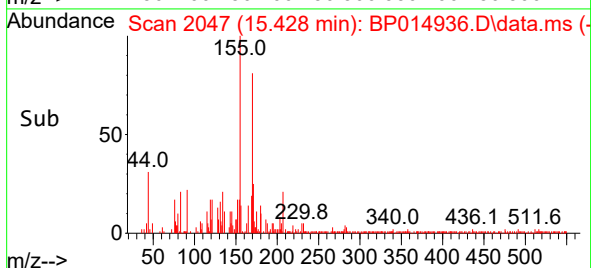
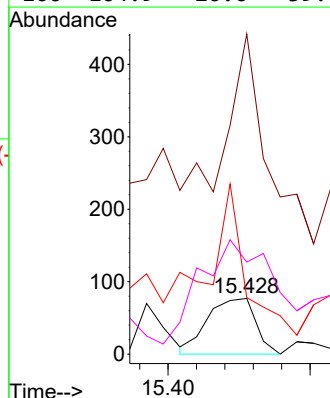
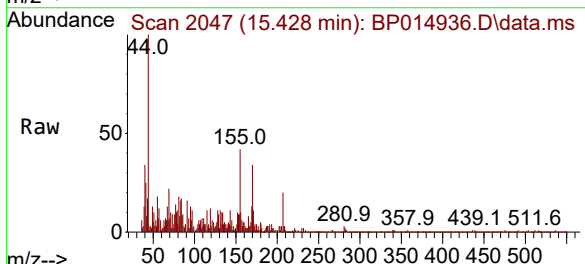
Ion Ratio Lower Upper

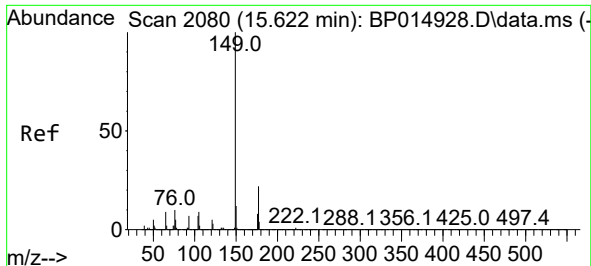
232 100

131 574.0 38.2 57.4#

130 101.3 2.1 3.1#

166 164.9 26.6 39.8#

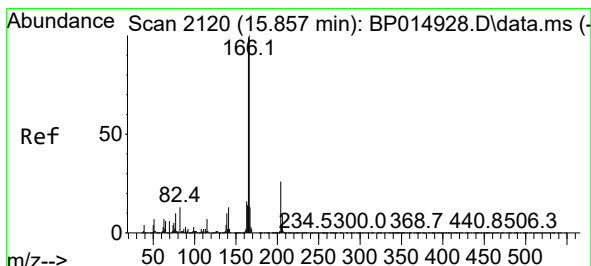
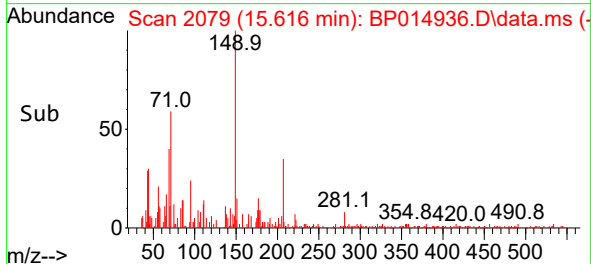
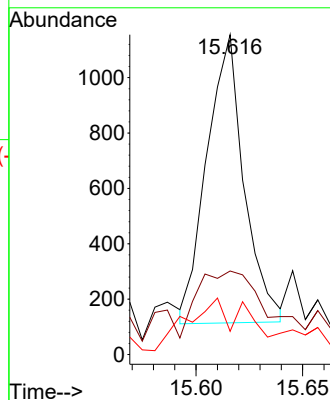
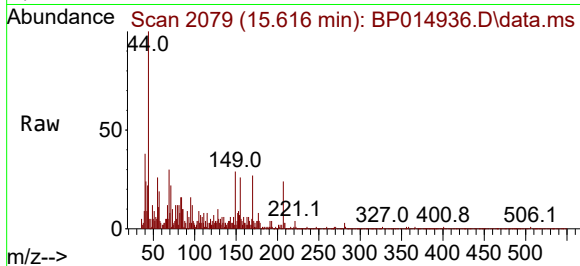




#59
Diethylphthalate
Concen: 0.027 ng/ul
RT: 15.616 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

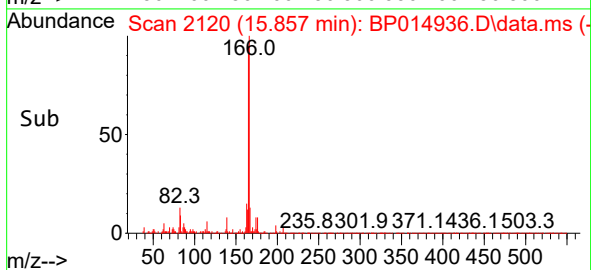
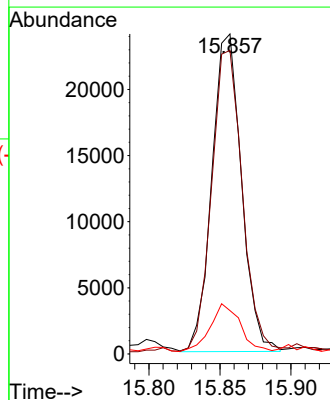
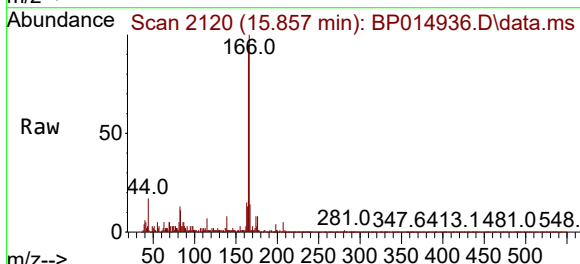
Instrument :
BNA_P
ClientSampleId :
EW930

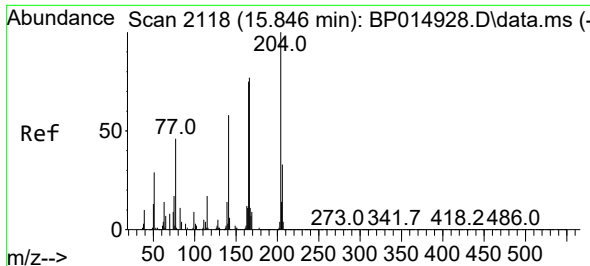
Tgt Ion:149 Resp: 1263
Ion Ratio Lower Upper
149 100
177 26.1 17.5 26.3
150 7.3 9.6 14.4#



#61
Fluorene
Concen: 0.732 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:166 Resp: 34834
Ion Ratio Lower Upper
166 100
165 94.9 79.3 118.9
167 13.5 10.7 16.1

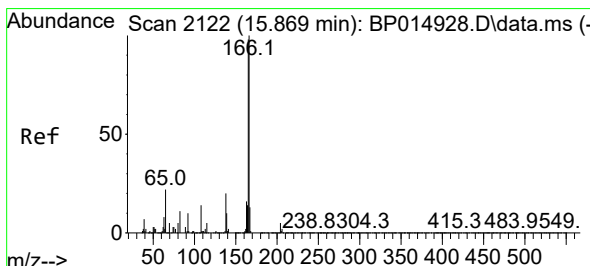
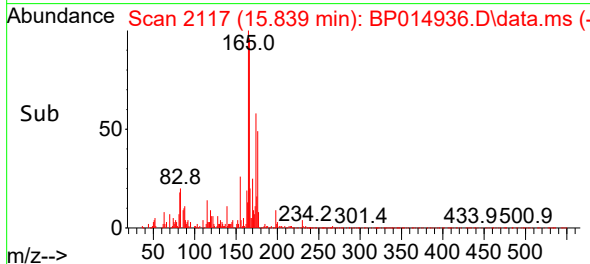
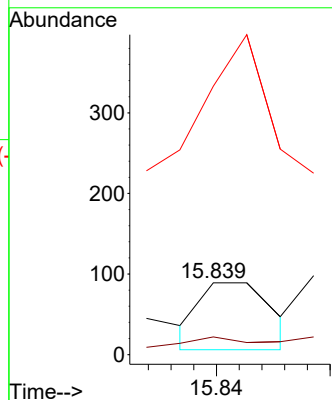
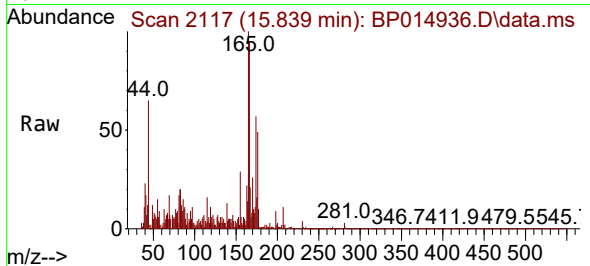




#62
4-Chlorophenyl-phenylether
Concen: 0.003 ng/ul
RT: 15.839 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

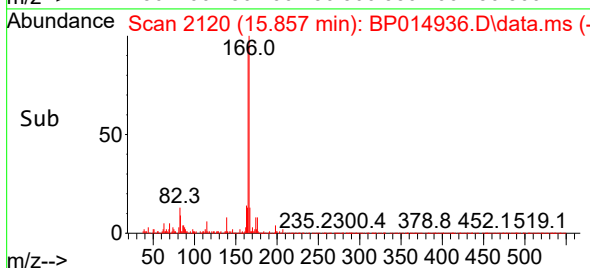
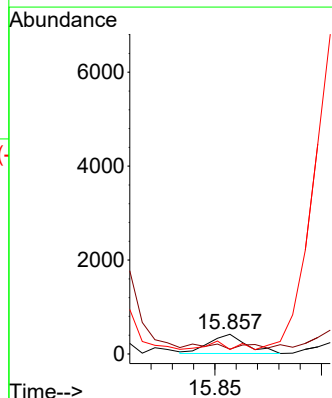
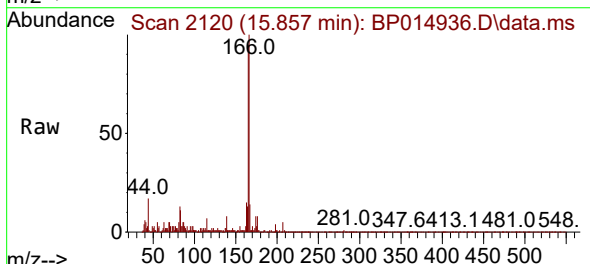
Instrument :
BNA_P
ClientSampleId :
EW930

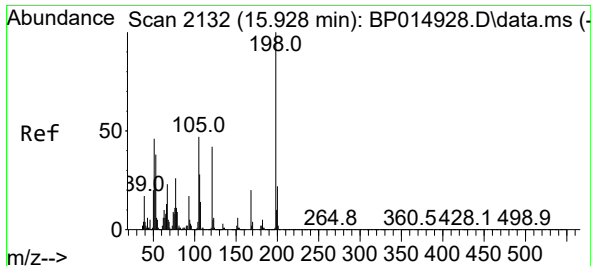
Tgt Ion:204 Resp: 73
Ion Ratio Lower Upper
204 100
206 24.7 26.2 39.2#
141 374.2 46.8 70.2#



#63
4-Nitroaniline
Concen: 0.074 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:138 Resp: 492
Ion Ratio Lower Upper
138 100
92 24.5 43.7 65.5#
108 22.6 57.4 86.2#

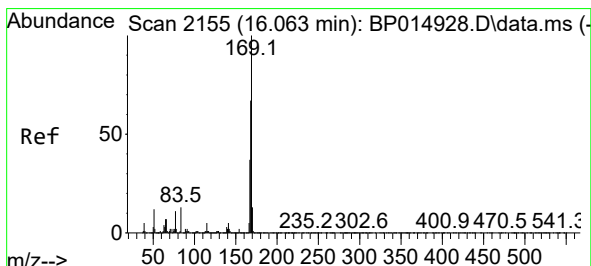
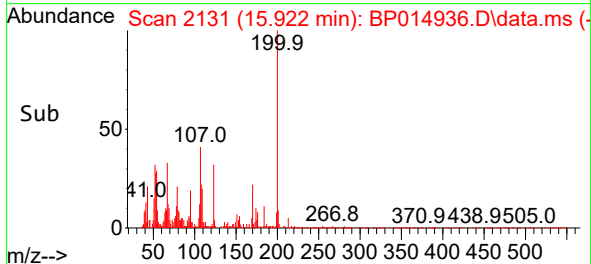
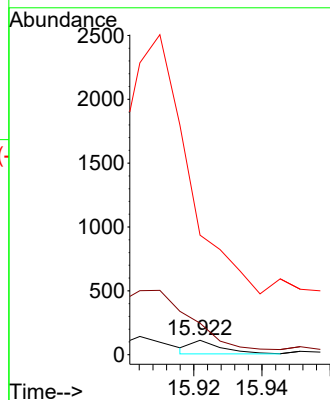
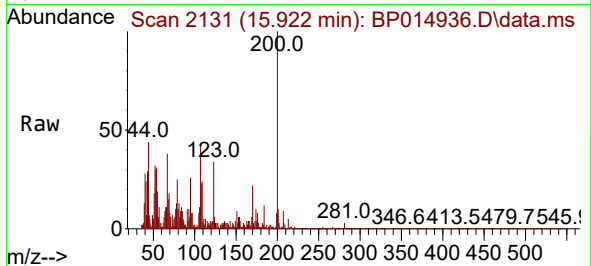




#66
4,6-Dinitro-2-methylphenol
Concen: 0.009 ng/ul
RT: 15.922 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

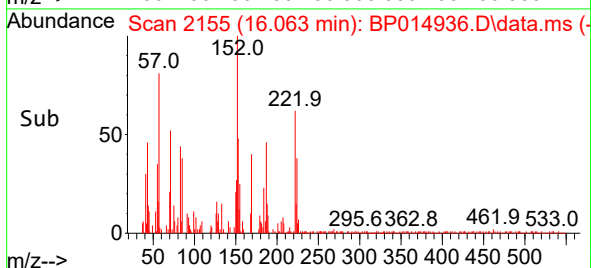
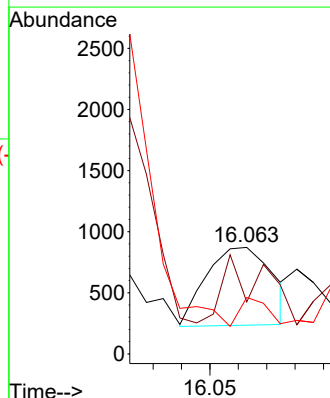
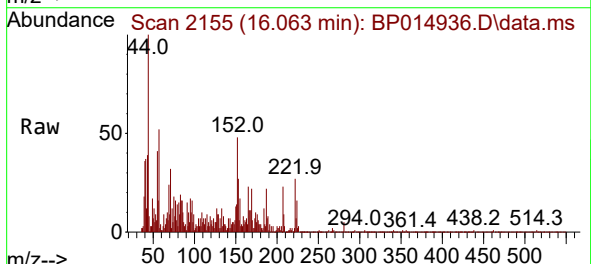
Instrument :
BNA_P
ClientSampleId :
EW930

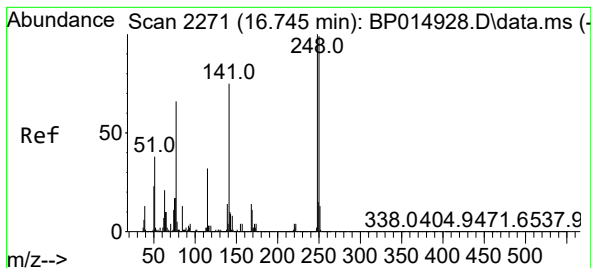
Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
182 218.6 3.9 5.9#
77 828.3 21.4 32.0#



#67
N-Nitrosodiphenylamine
Concen: 0.028 ng/ul
RT: 16.063 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:169 Resp: 1028
Ion Ratio Lower Upper
169 100
168 48.7 53.5 80.3#
167 53.0 29.3 43.9#

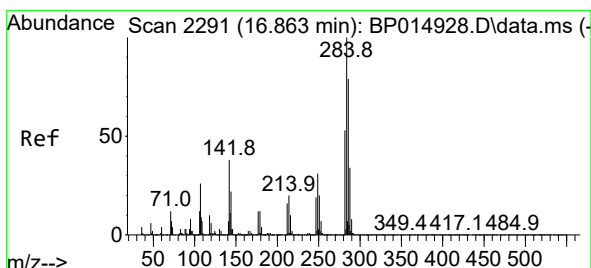
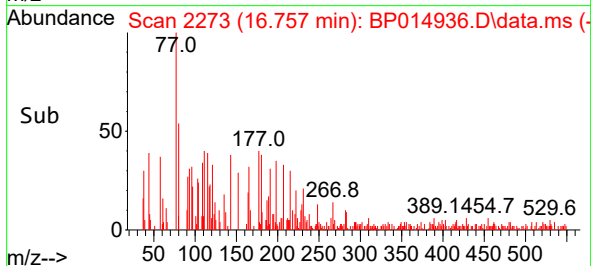
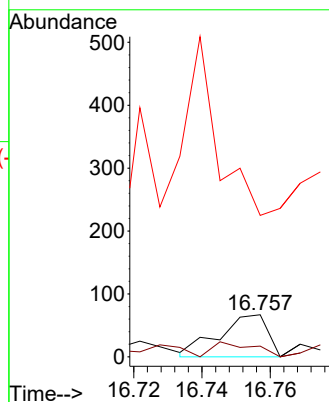
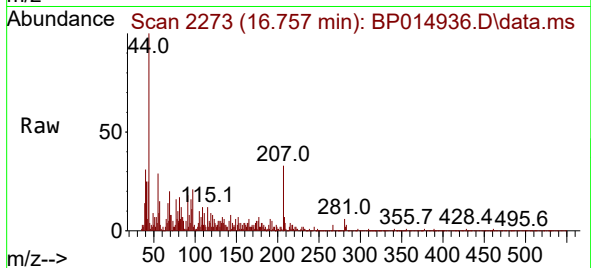




#68
4-Bromophenyl-phenylether
Concen: 0.005 ng/ul
RT: 16.757 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

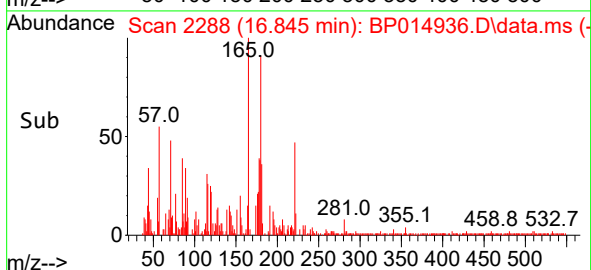
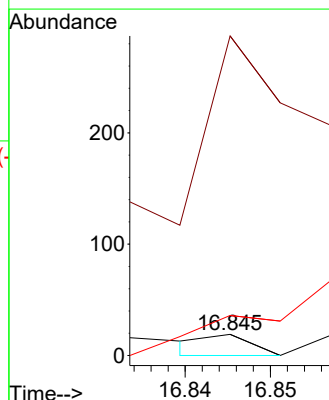
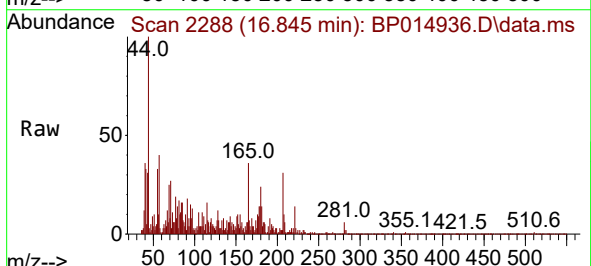
Instrument :
BNA_P
ClientSampleId :
EW930

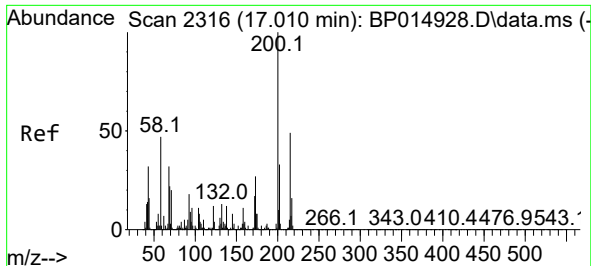
Tgt Ion:248 Resp: 66
Ion Ratio Lower Upper
248 100
250 20.5 79.5 119.3#
141 271.1 60.2 90.4#



#69
Hexachlorobenzene
Concen: 0.000 ng/ul
RT: 16.845 min Scan# 2288
Delta R.T. -0.018 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:284 Resp: 7
Ion Ratio Lower Upper
284 100
142 1510.5 30.2 45.2#
249 189.5 24.5 36.7#

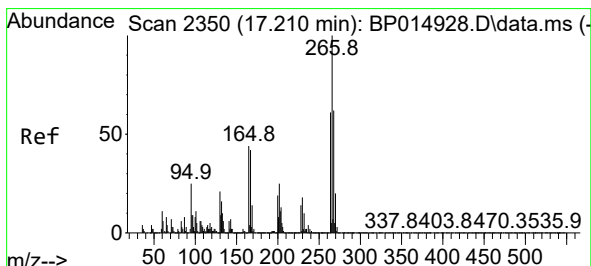
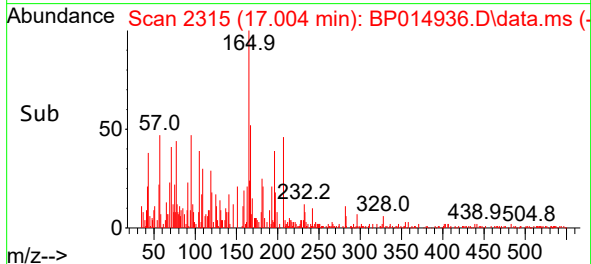
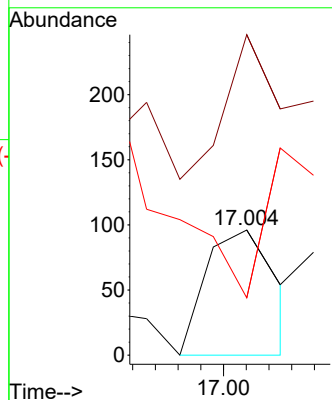
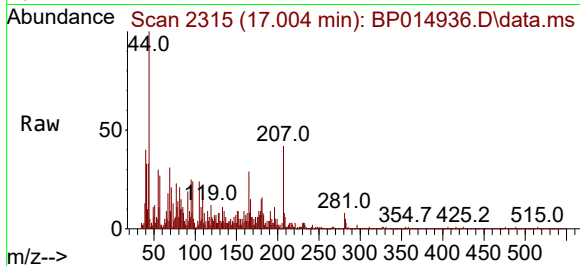




#70
Atrazine
Concen: 0.007 ng/ul
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

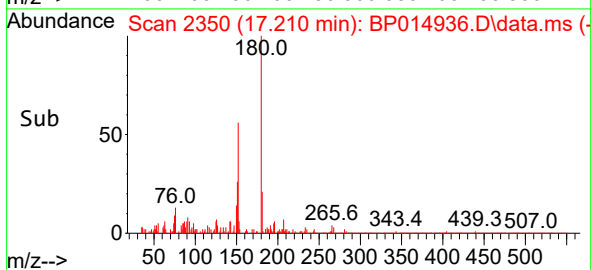
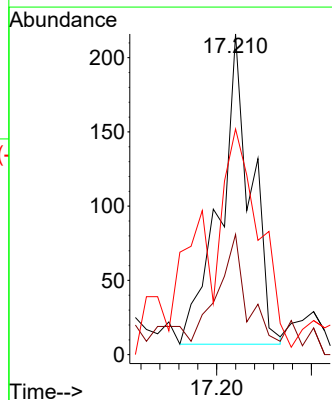
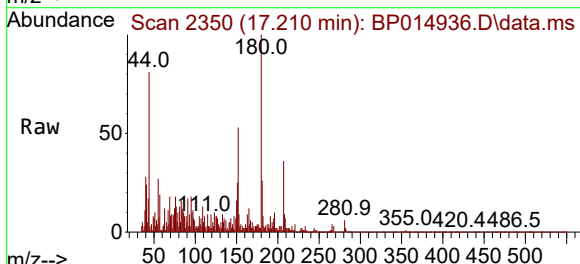
Instrument :
BNA_P
ClientSampleId :
EW930

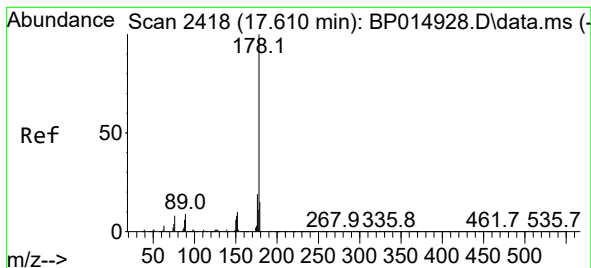
Tgt Ion:200 Resp: 82
Ion Ratio Lower Upper
200 100
173 256.3 21.8 32.6#
215 45.8 39.0 58.4



#71
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.210 min Scan# 2350
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:266 Resp: 239
Ion Ratio Lower Upper
266 100
264 37.5 48.9 73.3#
268 70.4 49.6 74.4





#72

Phenanthrene

Concen: 7.353 ng/ul

RT: 17.604 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

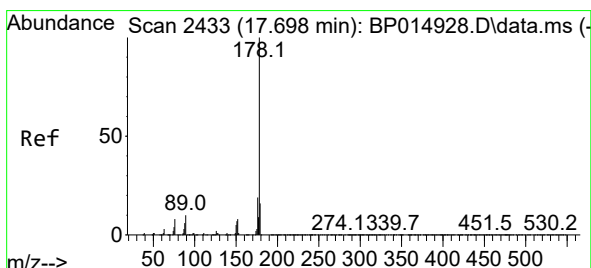
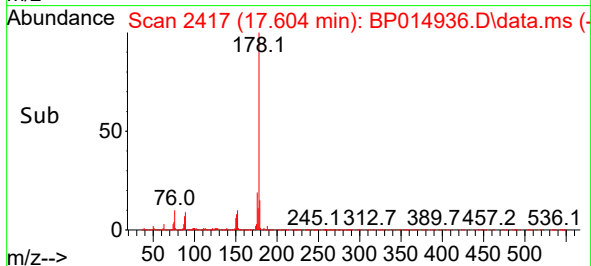
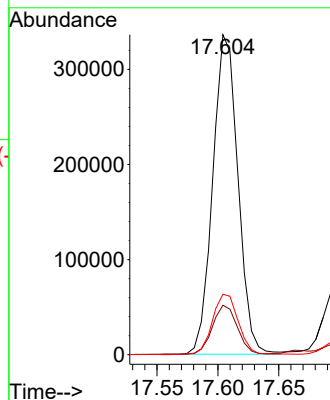
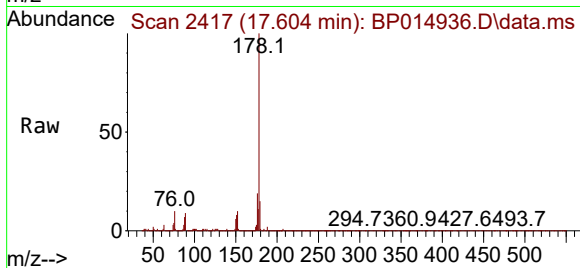
Tgt Ion:178 Resp: 483824

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.9 15.4 23.0



#74

Anthracene

Concen: 1.535 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

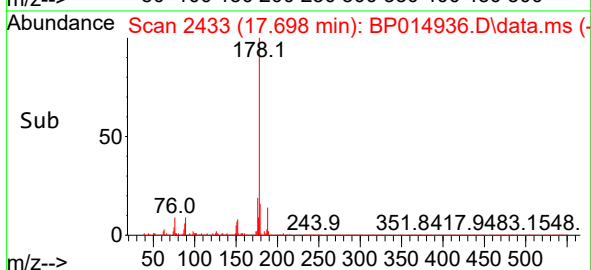
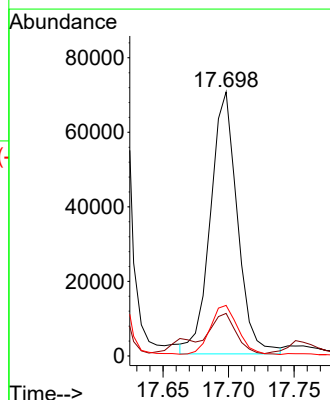
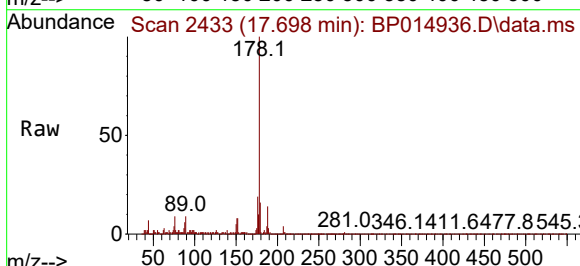
Tgt Ion:178 Resp: 100587

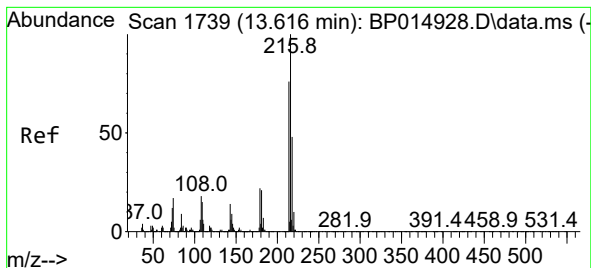
Ion Ratio Lower Upper

178 100

179 16.1 12.6 18.8

176 19.2 15.0 22.4

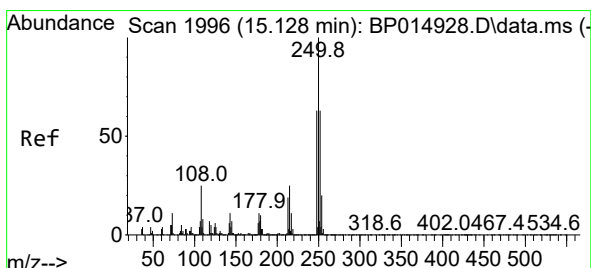
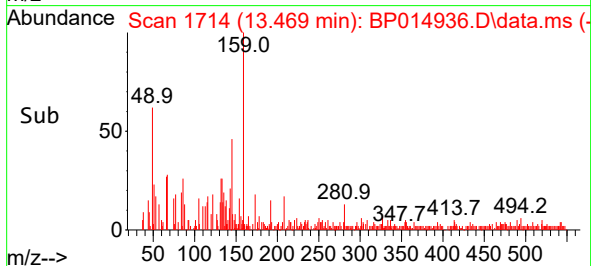
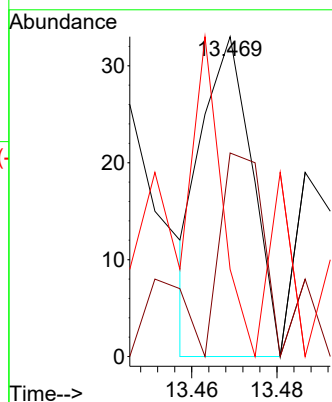
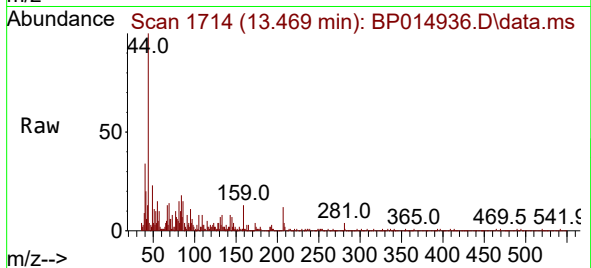




#75
1,2,3,4-Tetrachlorobenzene
Concen: 0.001 ng/uL
RT: 13.469 min Scan# 1714
Delta R.T. -0.147 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

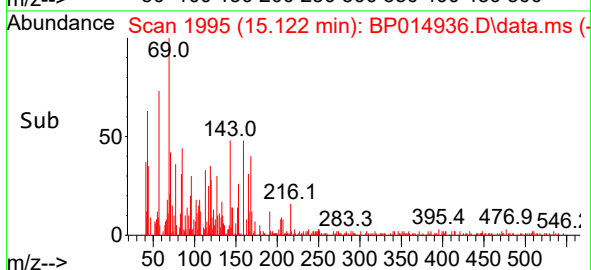
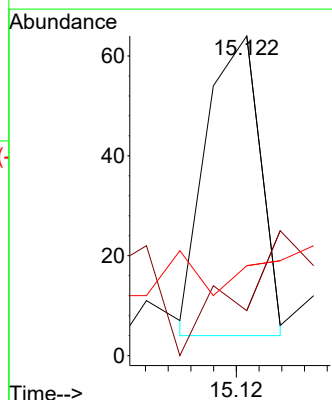
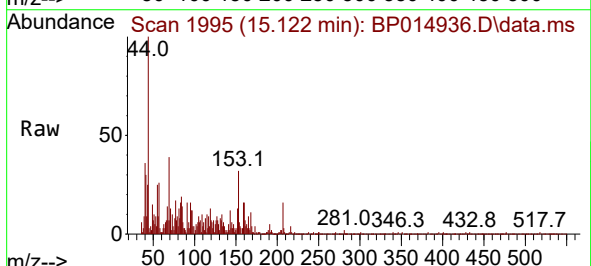
Instrument :
BNA_P
ClientSampleId :
EW930

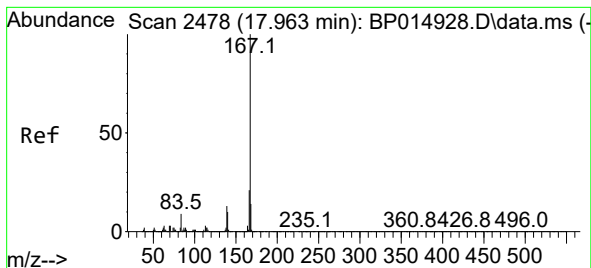
Tgt Ion:	216	Resp:	27
Ion Ratio	Lower	Upper	
216	100		
214	63.6	60.5	90.7
218	51.5	38.6	58.0



#76
Pentachlorobenzene
Concen: 0.002 ng/uL
RT: 15.122 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:	250	Resp:	40
Ion Ratio	Lower	Upper	
250	100		
248	14.1	50.5	75.7#
252	28.1	50.5	75.7#





#77

Carbazole

Concen: 0.619 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

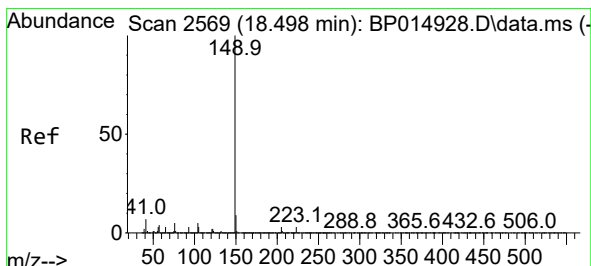
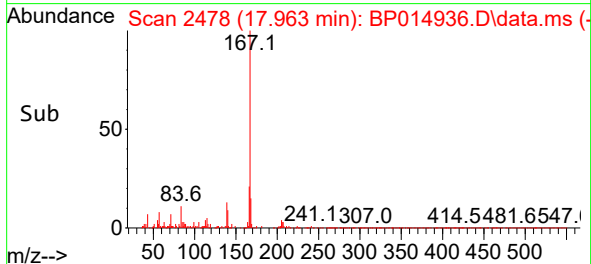
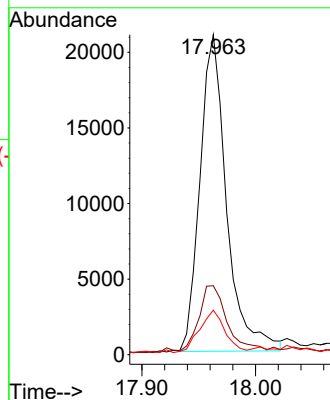
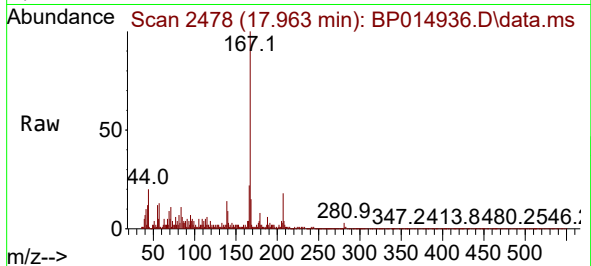
Tgt Ion:167 Resp: 34100

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.9 10.1 15.1



#78

Di-n-butylphthalate

Concen: 0.279 ng/ul

RT: 18.498 min Scan# 2569

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

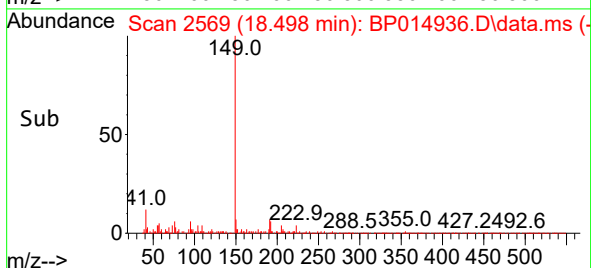
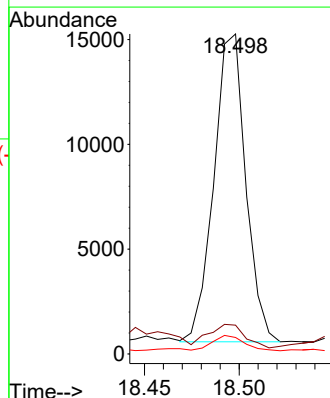
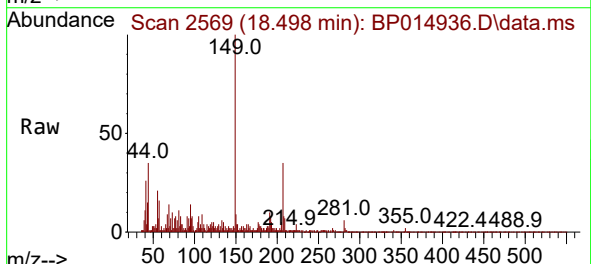
Tgt Ion:149 Resp: 17215

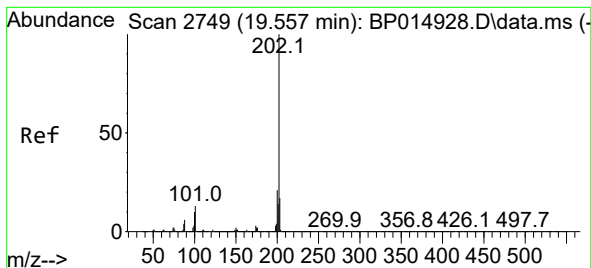
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.2 4.1 6.1





#80

Fluoranthene

Concen: 11.776 ng/ul

RT: 19.557 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

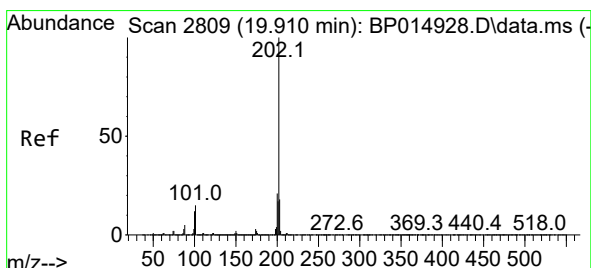
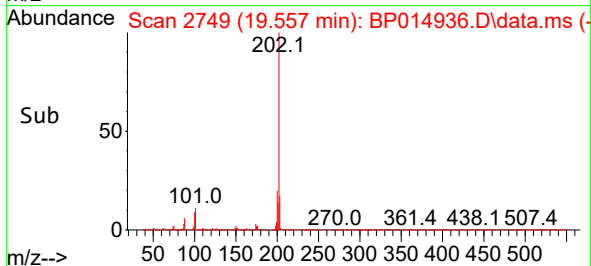
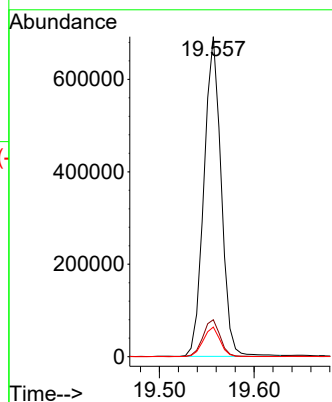
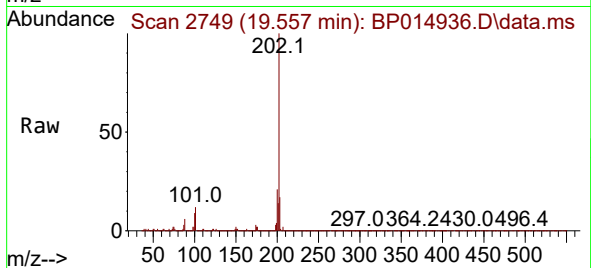
Tgt Ion:202 Resp: 872206

Ion Ratio Lower Upper

202 100

101 11.6 10.1 15.1

100 9.2 7.7 11.5



#82

Pyrene

Concen: 9.412 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

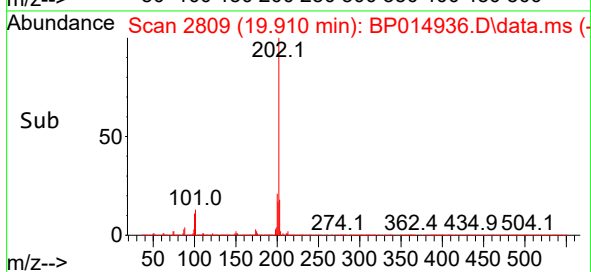
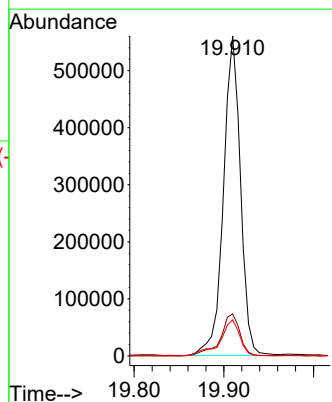
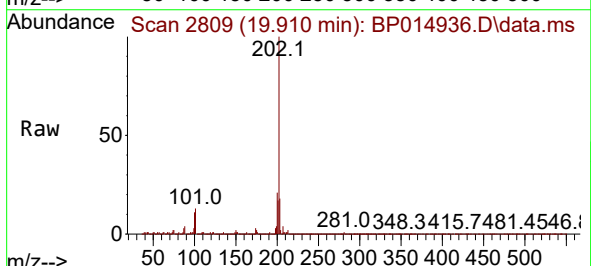
Tgt Ion:202 Resp: 738596

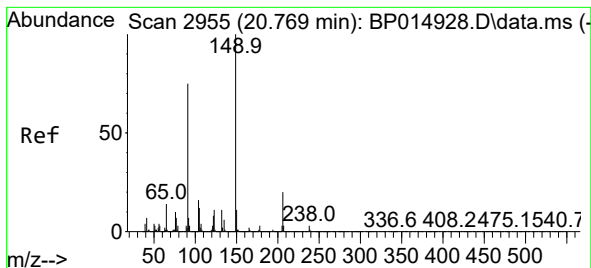
Ion Ratio Lower Upper

202 100

101 13.2 11.9 17.9

100 11.3 9.7 14.5





#83

Butylbenzylphthalate

Concen: 0.711 ng/ul

RT: 20.769 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

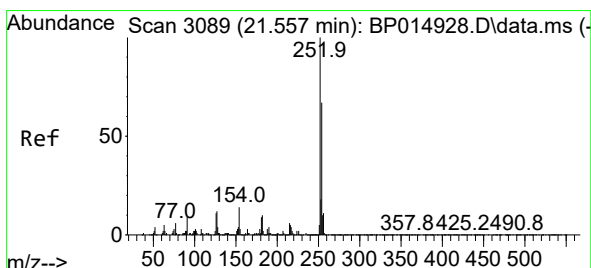
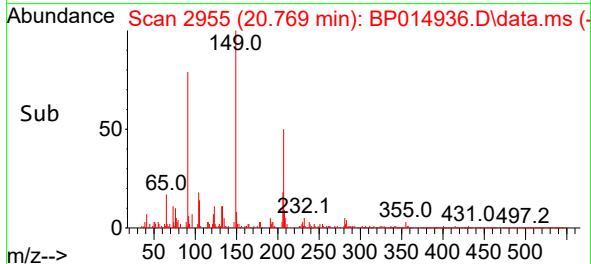
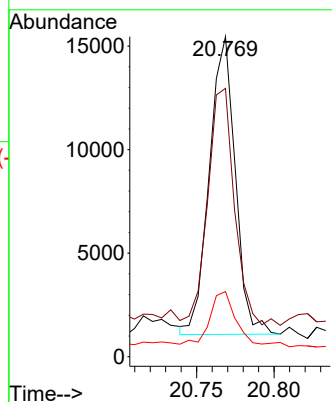
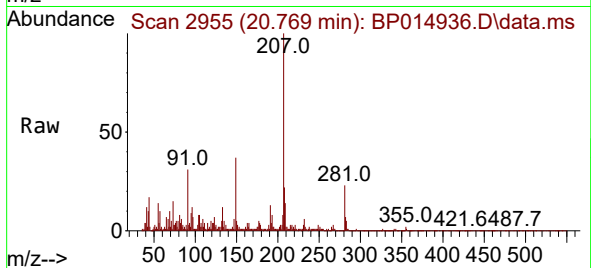
Tgt Ion:149 Resp: 16756

Ion Ratio Lower Upper

149 100

91 83.8 60.1 90.1

206 20.3 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 0.026 ng/ul

RT: 21.557 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

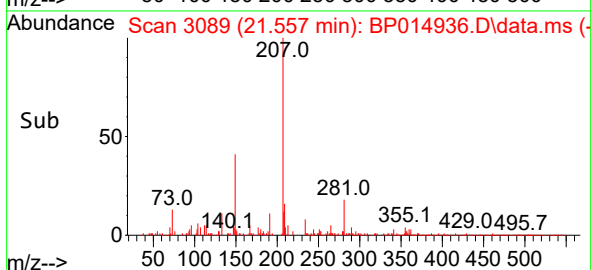
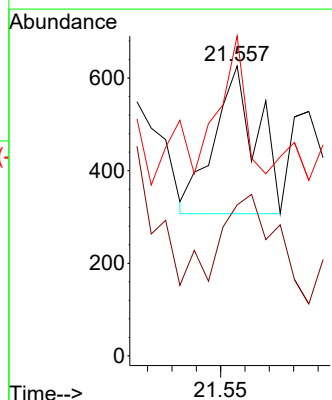
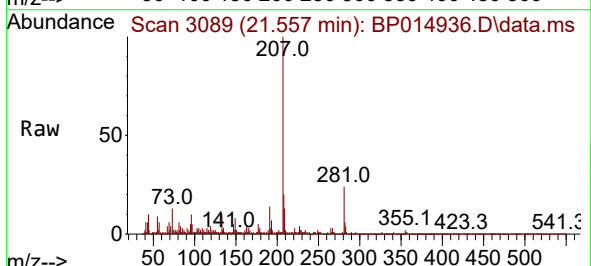
Tgt Ion:252 Resp: 389

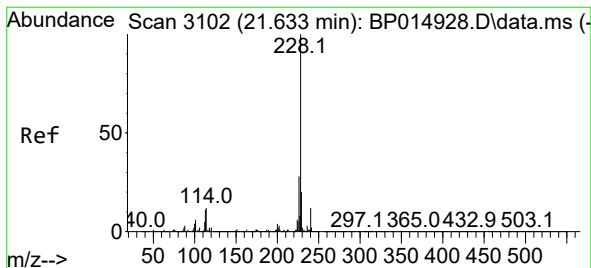
Ion Ratio Lower Upper

252 100

254 52.1 53.3 79.9#

126 110.4 9.0 13.6#





#85

Benzo(a)anthracene

Concen: 6.161 ng/ul

RT: 21.627 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

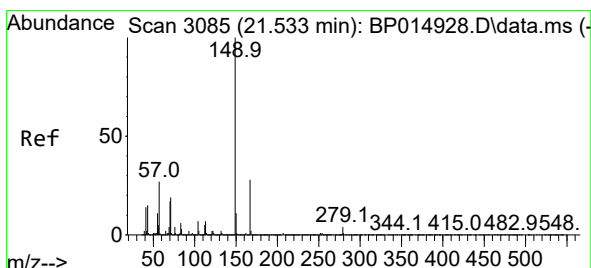
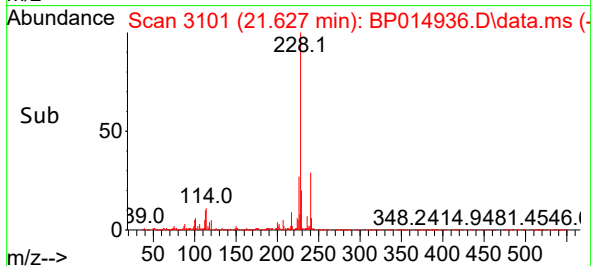
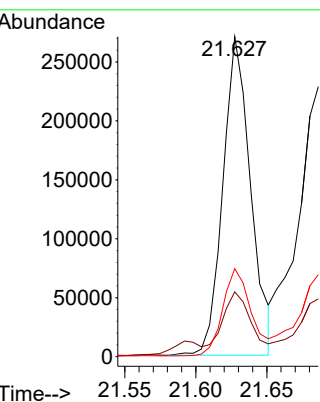
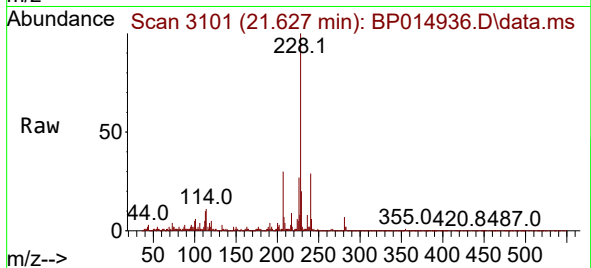
Tgt Ion:228 Resp: 368040

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 27.5 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.438 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

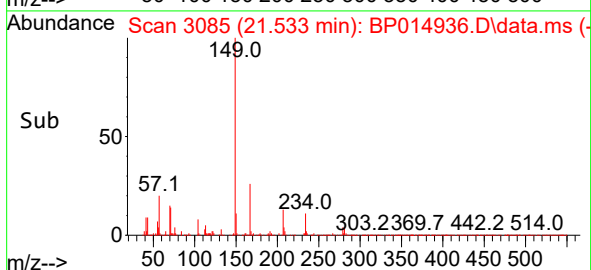
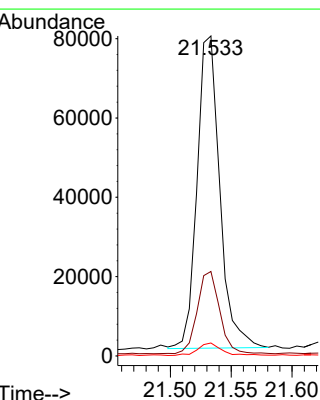
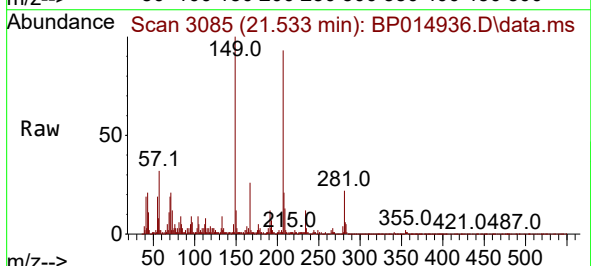
Tgt Ion:149 Resp: 101911

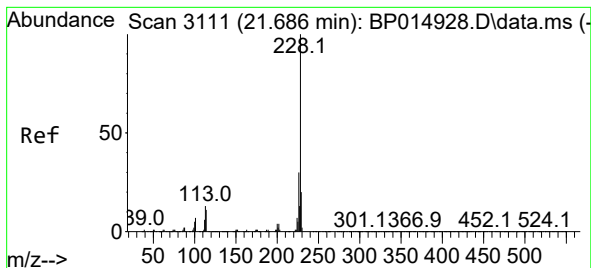
Ion Ratio Lower Upper

149 100

167 26.4 22.0 33.0

279 4.0 2.9 4.3





#87

Chrysene

Concen: 6.135 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Instrument :

BNA_P

ClientSampleId :

EW930

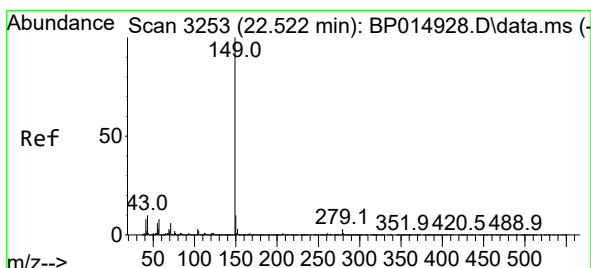
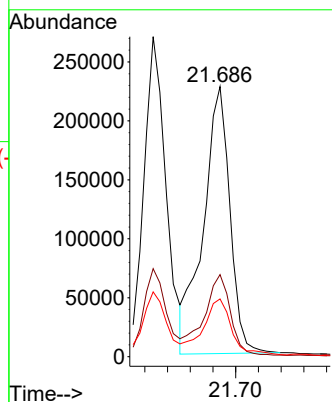
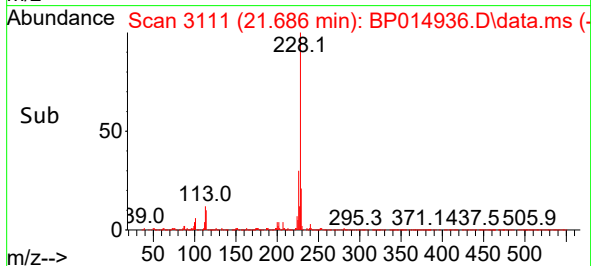
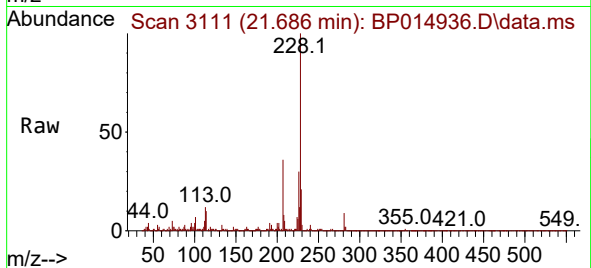
Tgt Ion:228 Resp: 368989

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.4 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 0.548 ng/ul

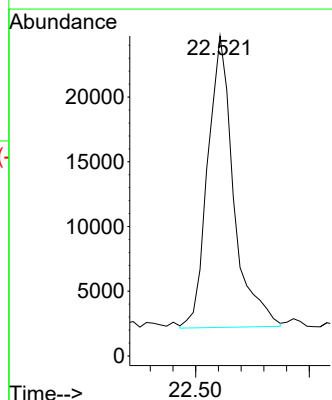
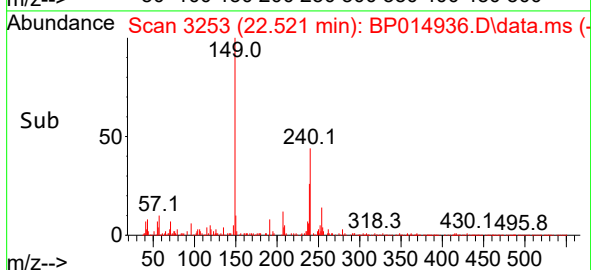
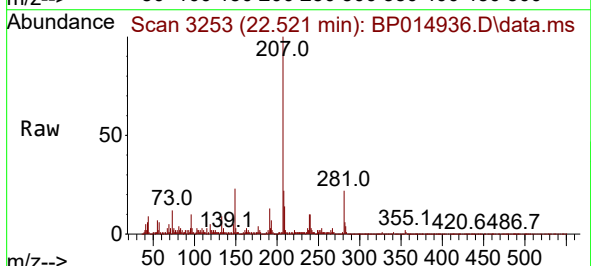
RT: 22.521 min Scan# 3253

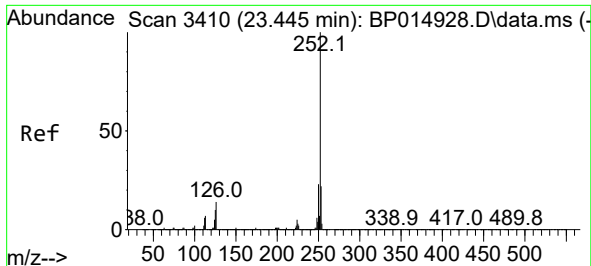
Delta R.T. -0.000 min

Lab File: BP014936.D

Acq: 03 May 2023 18:37

Tgt Ion:149 Resp: 35769

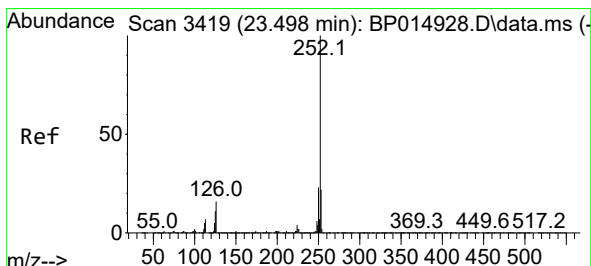
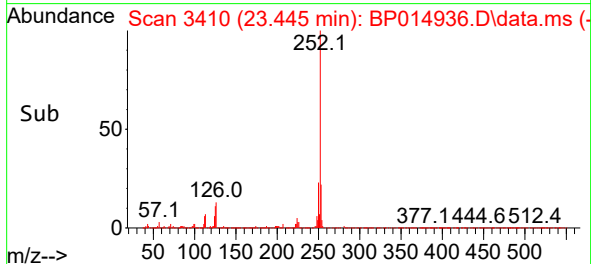
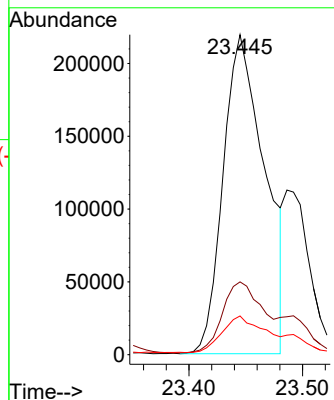
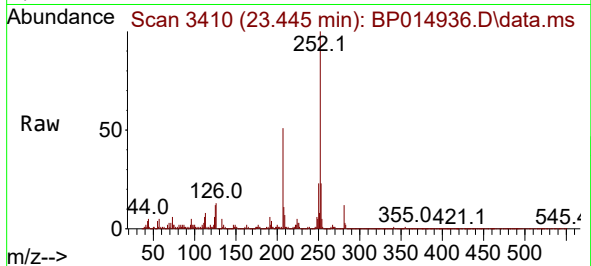




#90
Benzo(b)fluoranthene
Concen: 7.708 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.000 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

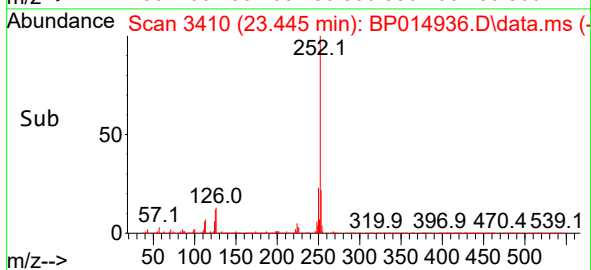
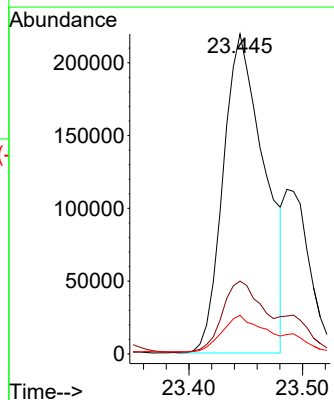
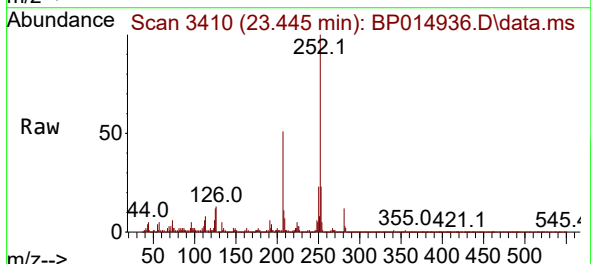
Instrument :
BNA_P
ClientSampleId :
EW930

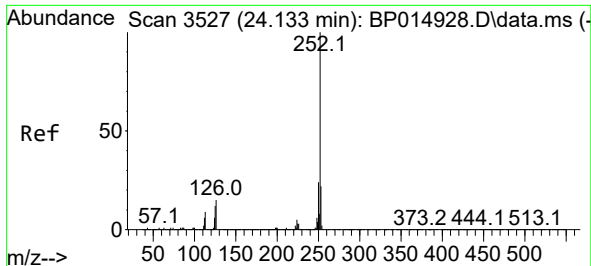
Tgt Ion:252 Resp: 557000
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.1 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 7.573 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.053 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:252 Resp: 557000
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.1 8.9 13.3

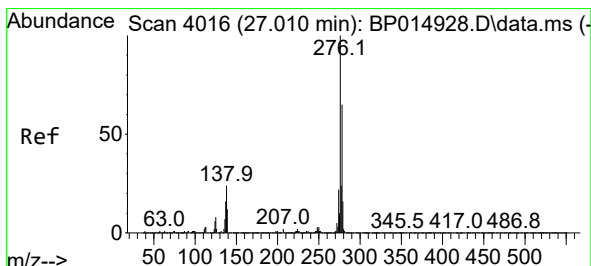
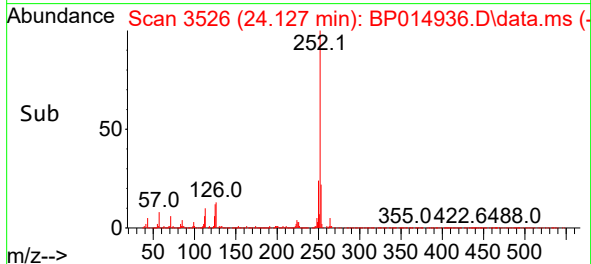
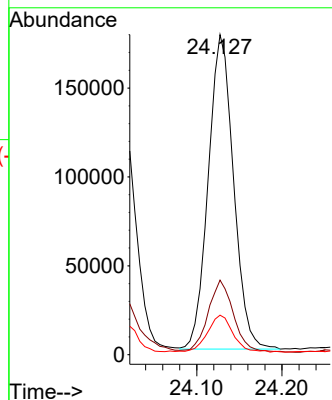
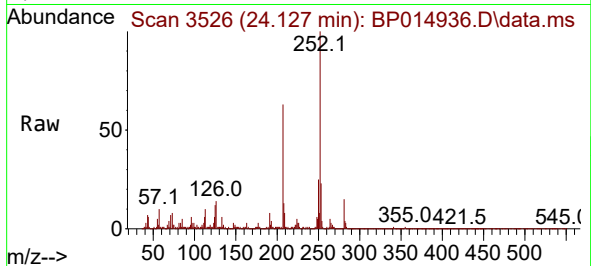




#93
Benzo(a)pyrene
Concen: 5.757 ng/ul
RT: 24.127 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

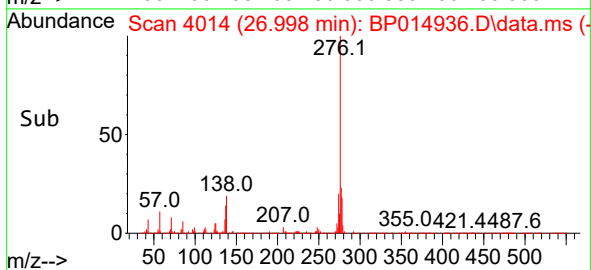
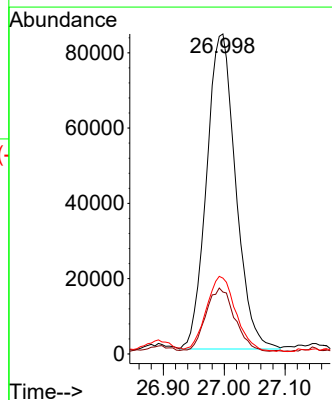
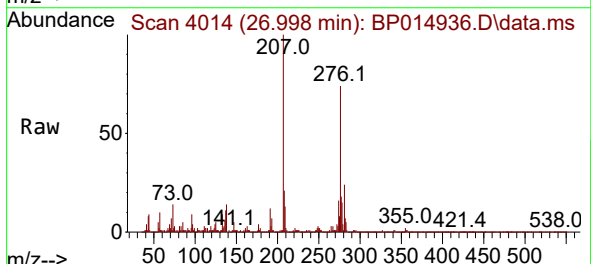
Instrument :
BNA_P
ClientSampleId :
EW930

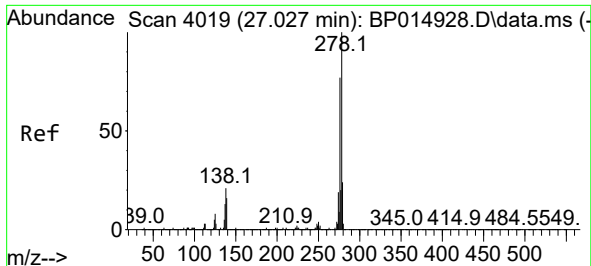
Tgt Ion:252 Resp: 364879
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.3 9.4 14.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.593 ng/ul
RT: 26.998 min Scan# 4014
Delta R.T. -0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:276 Resp: 277784
Ion Ratio Lower Upper
276 100
138 19.4 19.4 29.0
277 23.7 19.4 29.2

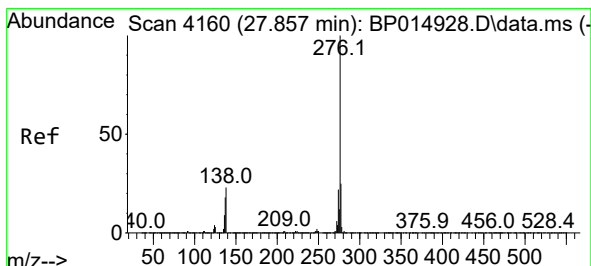
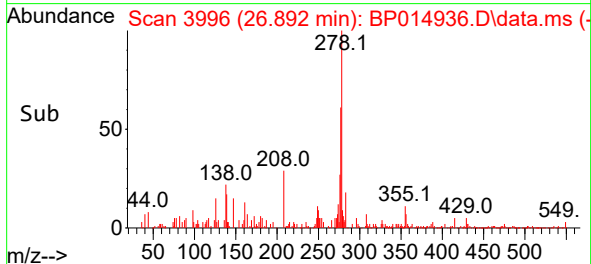
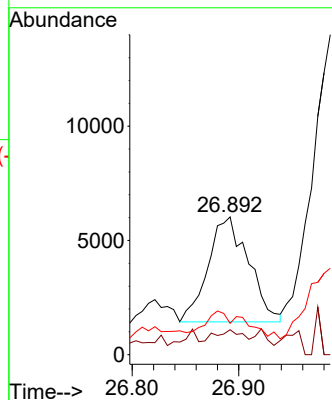
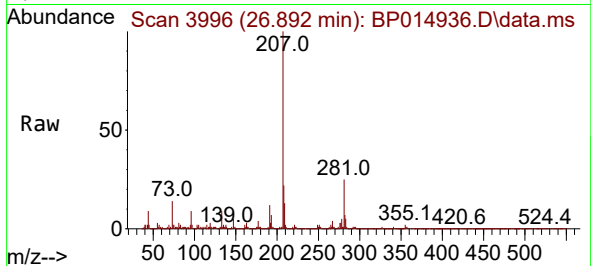




#95
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 26.892 min Scan# 3996
Delta R.T. -0.135 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Instrument :
BNA_P
ClientSampleId :
EW930

Tgt Ion:278 Resp: 12140
Ion Ratio Lower Upper
278 100
139 18.1 12.9 19.3
279 22.8 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 4.089 ng/ul
RT: 27.845 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BP014936.D
Acq: 03 May 2023 18:37

Tgt Ion:276 Resp: 269069
Ion Ratio Lower Upper
276 100
138 21.8 18.0 27.0
277 25.0 19.8 29.8

