

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014939.D
 Acq On : 03 May 2023 20:17
 Operator : CG/JU
 Sample : 02419-22DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW919DL

Quant Time: May 04 06:21:01 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	314224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.998	136	1299834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	686597	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1113364	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	887151	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1139548	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	11255	1.332	ng/uL	0.00
4) Pyridine-d5	3.911	84	516	0.022	ng/ul	0.01
7) Phenol-d5	7.305	99	204476	7.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	133375	7.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	167555	8.365	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	152453	7.262	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	74450	8.053	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	75987	8.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	145577	7.810	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	82852	3.073	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	445949	9.177	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	510479	8.759	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	8342	0.987	ng/ul	0.00
60) Fluorene-d10	15.798	176	356013	8.516	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	6955	1.110	ng/ul	0.00
73) Anthracene-d10	17.663	188	457436	9.144	ng/ul	0.00
81) Pyrene-d10	19.880	212	472233	7.892	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	536917	9.670	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	67	0.007	ng/ul#	10
5) Pyridine	3.922	79	255	0.011	ng/ul#	1
6) Benzaldehyde	7.293	77	6061	0.814	ng/ul	90
8) Phenol	7.334	94	5049	0.177	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.563	93	114	0.005	ng/ul#	33
12) 2-Chlorophenol	7.810	128	30	0.001	ng/ul	93
13) 2-Methylphenol	8.593	108	151	0.007	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.710	45	115	0.004	ng/ul#	1
16) Acetophenone	8.999	105	21361	0.622	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.004	70	170	0.010	ng/ul#	33
18) 4-Methylphenol	8.969	108	65	0.003	ng/ul	93
19) Hexachloroethane	9.251	117	143	0.015	ng/ul#	14
22) Nitrobenzene	9.381	77	392	0.016	ng/ul#	56
23) Isophorone	9.910	82	640	0.013	ng/ul#	12
25) 2-Nitrophenol	10.116	139	11	0.001	ng/ul#	1
26) 2,4-Dimethylphenol	10.151	107	140	0.006	ng/ul#	59
27) Bis(2-Chloroethoxy)met...	10.410	93	641	0.021	ng/ul#	1
29) 2,4-Dichlorophenol	10.634	162	67	0.003	ng/ul#	1
30) Naphthalene	11.051	128	51438	0.720	ng/ul	98
32) 4-Chloroaniline	11.163	127	198	0.007	ng/ul#	13
33) Hexachlorobutadiene	11.334	225	23	0.002	ng/ul#	75
34) Caprolactam	11.910	113	50	0.008	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.257	107	80	0.004	ng/ul#	64
36) 2-Methylnaphthalene	12.645	142	47614	1.078	ng/ul	100

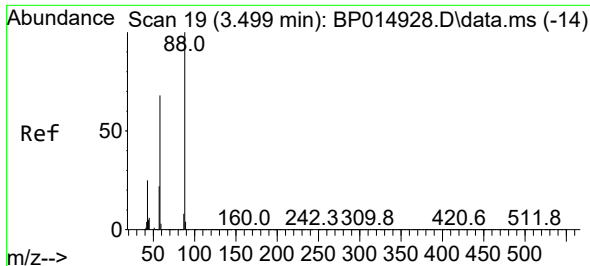
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	38335	0.842	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	34	0.002	ng/ul#	1
40) Hexachlorocyclopentadiene	12.992	237	9	0.001	ng/ul#	1
41) 2,4,6-Trichlorophenol	13.251	196	44	0.003	ng/ul#	28
42) 2,4,5-Trichlorophenol	13.316	196	23	0.002	ng/ul#	70
43) 1,1'-Biphenyl	13.645	154	10766	0.196	ng/ul#	92
44) 2-Chloronaphthalene	13.516	162	199	0.005	ng/ul	92
45) 2-Nitroaniline	13.904	65	71	0.007	ng/ul#	38
47) Dimethylphthalate	14.263	163	462	0.009	ng/ul#	87
48) 2,6-Dinitrotoluene	14.375	165	208	0.023	ng/ul#	1
50) Acenaphthylene	14.534	152	59494	0.900	ng/ul#	97
51) 3-Nitroaniline	14.710	138	49	0.006	ng/ul#	2
52) Acenaphthene	14.875	153	95935	2.098	ng/ul	98
53) 2,4-Dinitrophenol	14.910	184	12	0.002	ng/ul#	1
55) 4-Nitrophenol	14.998	109	205	0.032	ng/ul#	51
56) Dibenzofuran	15.204	168	80733	1.309	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	649	0.051	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.428	232	24	0.002	ng/ul#	1
59) Diethylphthalate	15.616	149	791	0.016	ng/ul#	59
61) Fluorene	15.857	166	96787	1.989	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.839	204	70	0.003	ng/ul#	1
63) 4-Nitroaniline	15.857	138	1241	0.182	ng/ul#	61
66) 4,6-Dinitro-2-methylph...	15.933	198	10	0.002	ng/ul#	1
67) N-Nitrosodiphenylamine	16.069	169	3563	0.105	ng/ul	98
68) 4-Bromophenyl-phenylether	16.751	248	67	0.006	ng/ul#	1
69) Hexachlorobenzene	16.851	284	160	0.012	ng/ul#	1
70) Atrazine	17.004	200	239	0.021	ng/ul#	1
71) Pentachlorophenol	17.222	266	41	0.005	ng/ul	98
72) Phenanthrene	17.610	178	1649649	26.820	ng/ul	100
74) Anthracene	17.698	178	395107	6.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	135	0.007	ng/ul#	85
76) Pentachlorobenzene	15.134	250	103	0.006	ng/ul#	78
77) Carbazole	17.963	167	146067	2.836	ng/ul	99
78) Di-n-butylphthalate	18.498	149	6764	0.117	ng/ul#	75
80) Fluoranthene	19.557	202	2785271	37.936	ng/ul	99
82) Pyrene	19.910	202	2481599	31.902	ng/ul	99
83) Butylbenzylphthalate	20.763	149	2822	0.121	ng/ul#	62
84) 3,3'-Dichlorobenzidine	21.545	252	442	0.030	ng/ul#	53
85) Benzo(a)anthracene	21.633	228	1274405	21.522	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	18701	0.636	ng/ul#	92
87) Chrysene	21.686	228	1254539	21.041	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	4367	0.066	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1834161	24.905	ng/ul	98
91) Benzo(k)fluoranthene	23.451	252	1834161	24.471	ng/ul	99
93) Benzo(a)pyrene	24.133	252	1395859	21.612	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.003	276	1052465	13.359	ng/ul	96
95) Dibenzo(a,h)anthracene	27.015	278	264593	4.098	ng/ul#	81
96) Benzo(g,h,i)perylene	27.862	276	979938	14.614	ng/ul	98

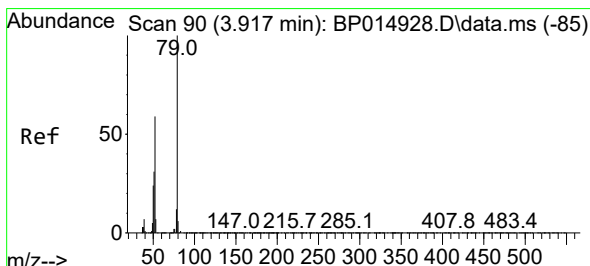
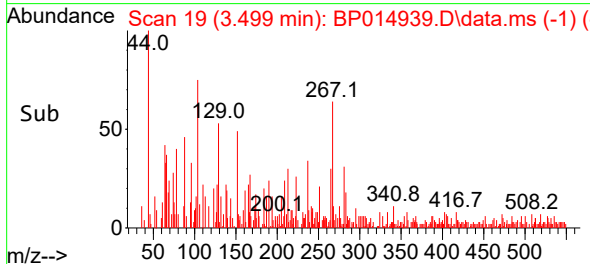
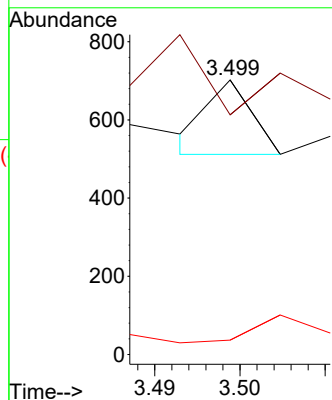
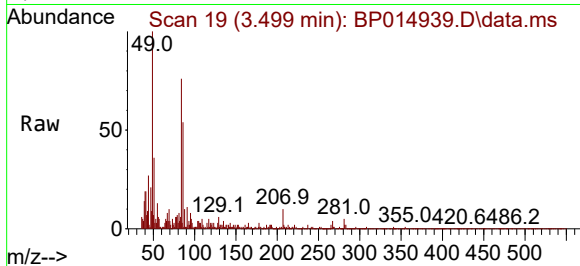
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#2
 1,4-Dioxane
 Concen: 0.007 ng/uL
 RT: 3.499 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BP014939.D
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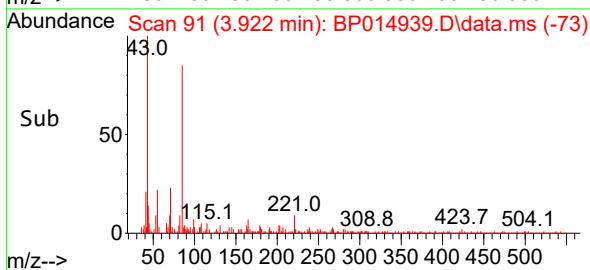
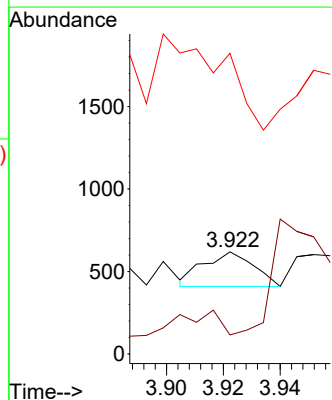
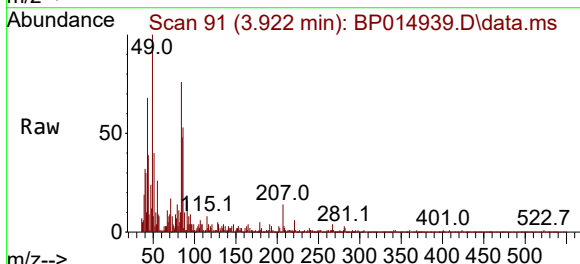
Instrument :
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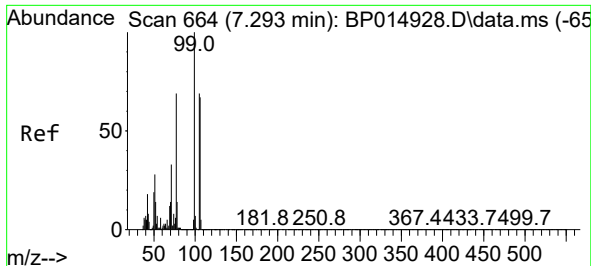
Tgt Ion: 88 Resp: 67
 Ion Ratio Lower Upper
 88 100
 43 87.3 20.6 31.0#
 58 5.3 54.4 81.6#



#5
 Pyridine
 Concen: 0.011 ng/uL
 RT: 3.922 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP014939.D
 Acq: 03 May 2023 20:17

Tgt Ion: 79 Resp: 255
 Ion Ratio Lower Upper
 79 100
 52 18.7 54.7 82.1#
 51 294.5 25.5 38.3#

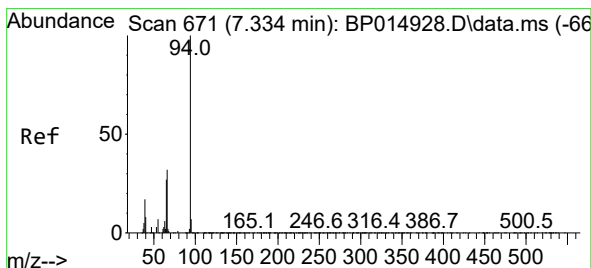
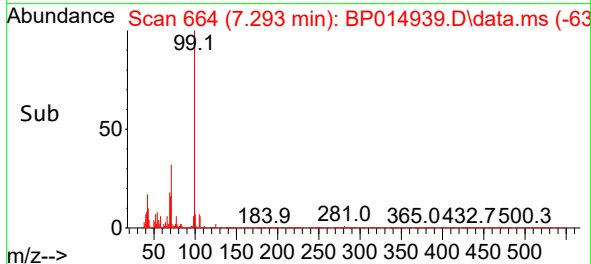
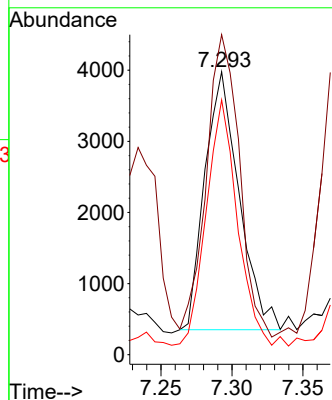
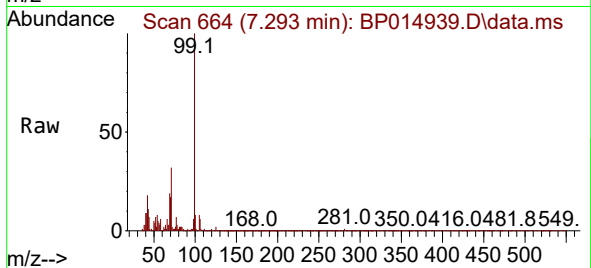




#6
Benzaldehyde
Concen: 0.814 ng/ul
RT: 7.293 min Scan# 606
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

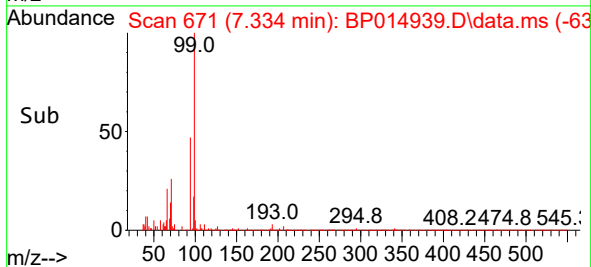
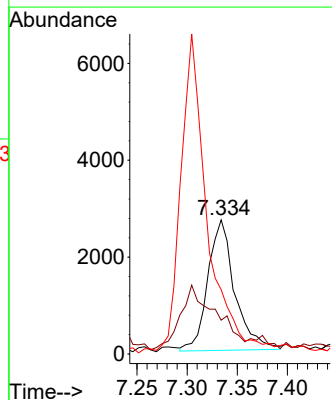
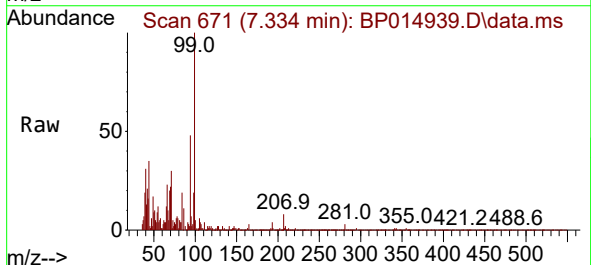
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ClientSampleId :
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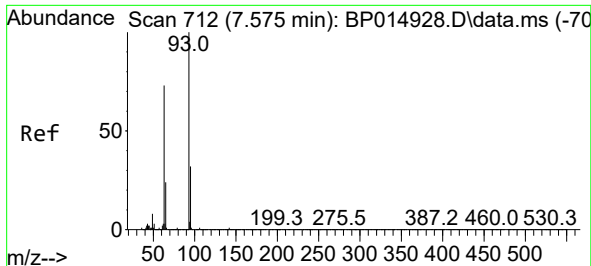
Tgt Ion: 77 Resp: 6061
Ion Ratio Lower Upper
77 100
105 113.2 80.7 121.1
106 90.1 77.6 116.4



#8
Phenol
Concen: 0.177 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion: 94 Resp: 5049
Ion Ratio Lower Upper
94 100
65 25.2 21.4 32.0
66 48.0 25.8 38.8#

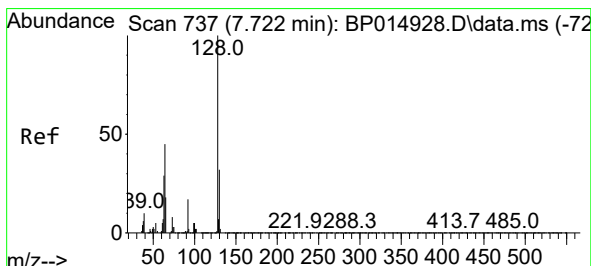
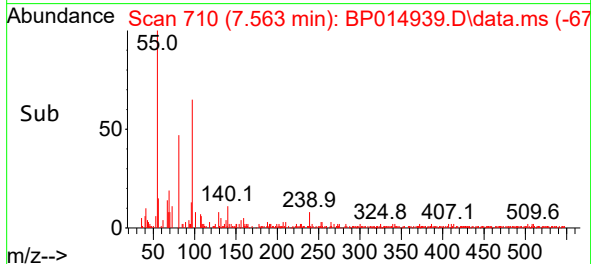
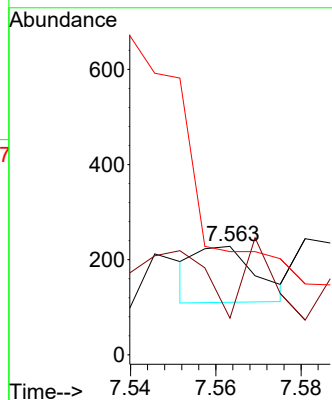
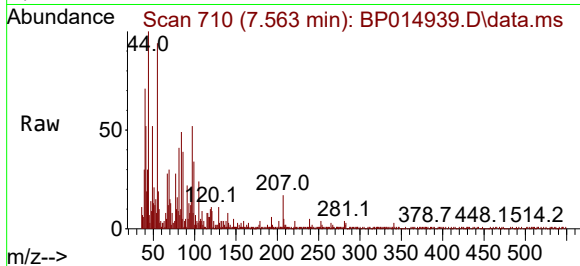




#10
Bis(2-Chloroethyl)ether
Concen: 0.005 ng/ul
RT: 7.563 min Scan# 712
Delta R.T. -0.012 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

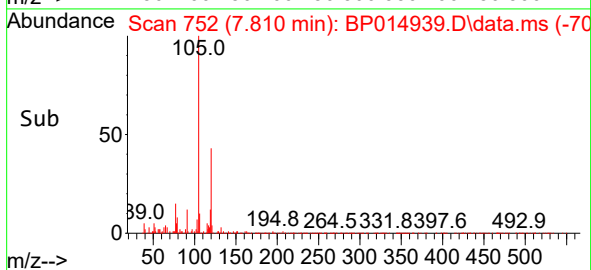
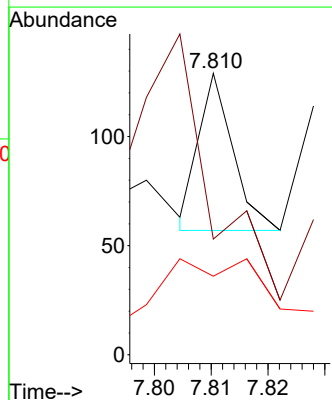
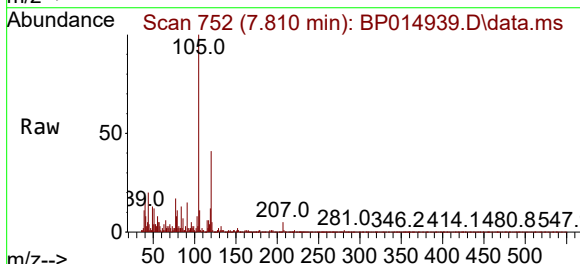
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ClientSampleId :
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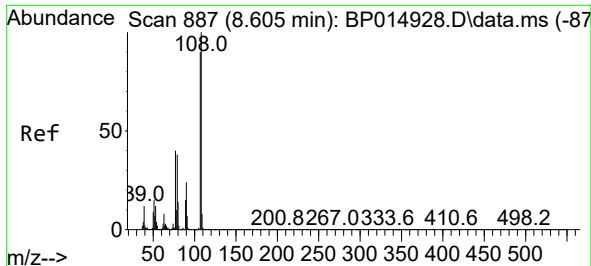
Tgt Ion: 93 Resp: 114
Ion Ratio Lower Upper
93 100
63 33.8 58.1 87.1#
95 95.2 26.0 39.0#



#12
2-Chlorophenol
Concen: 0.001 ng/ul
RT: 7.810 min Scan# 752
Delta R.T. 0.088 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:128 Resp: 30
Ion Ratio Lower Upper
128 100
64 41.1 36.6 55.0
130 27.9 25.8 38.8





#13

2-Methylphenol

Concen: 0.007 ng/ul

RT: 8.593 min Scan# 887

Delta R.T. -0.012 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

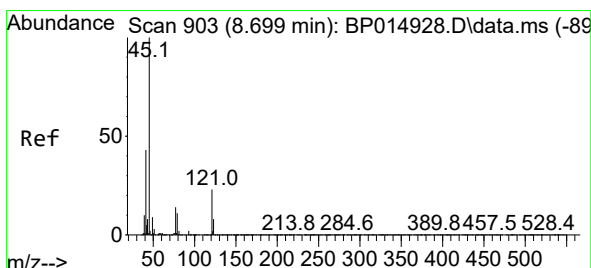
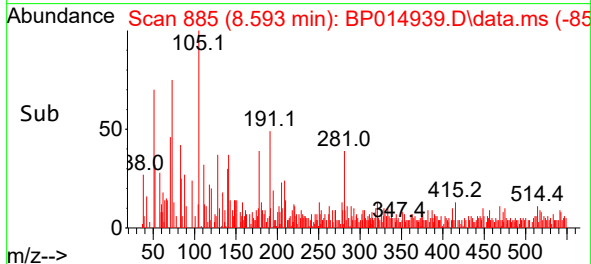
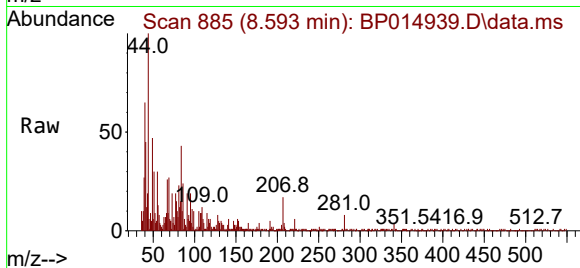
EW919DL

Tgt Ion:108 Resp: 151

Ion Ratio Lower Upper

108 100

107 96.4 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 0.004 ng/ul

RT: 8.710 min Scan# 905

Delta R.T. 0.011 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

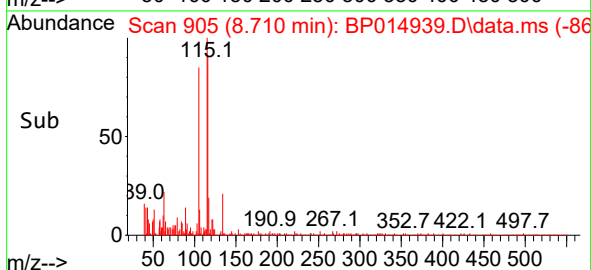
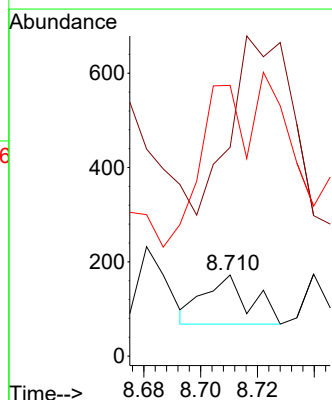
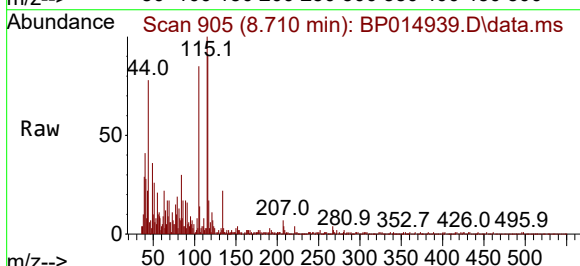
Tgt Ion: 45 Resp: 115

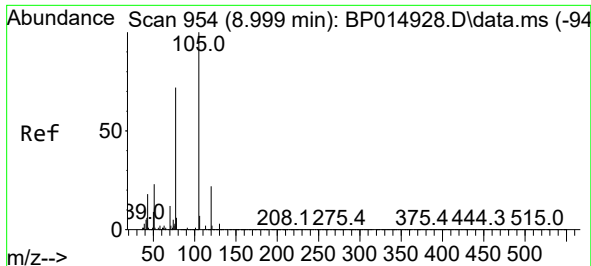
Ion Ratio Lower Upper

45 100

77 257.6 12.3 18.5#

79 333.7 9.5 14.3#

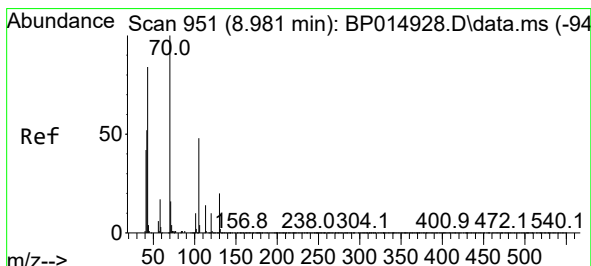
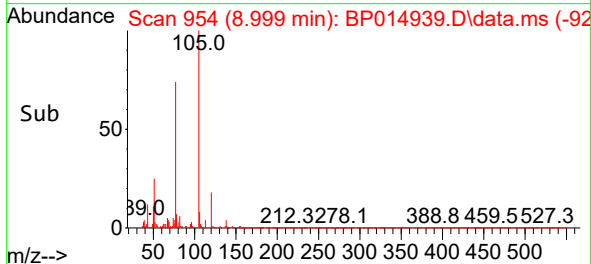
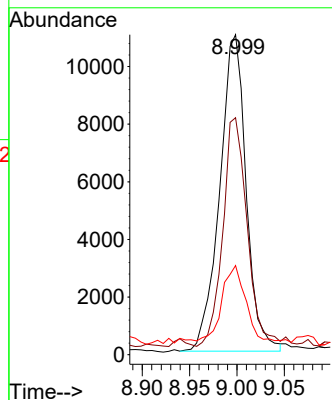
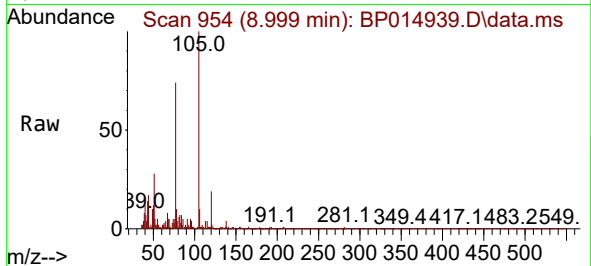




#16
Acetophenone
Concen: 0.622 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

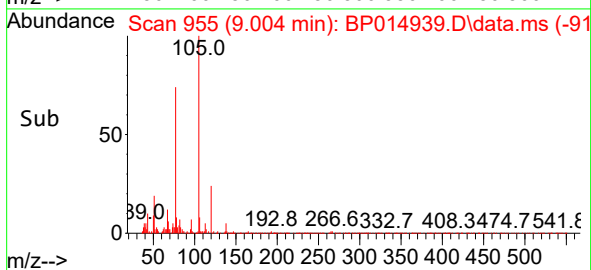
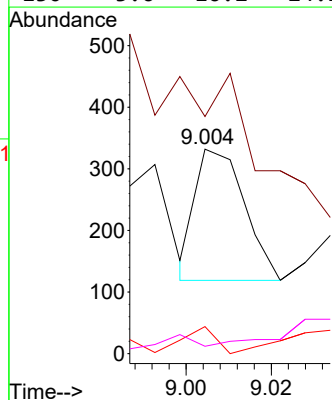
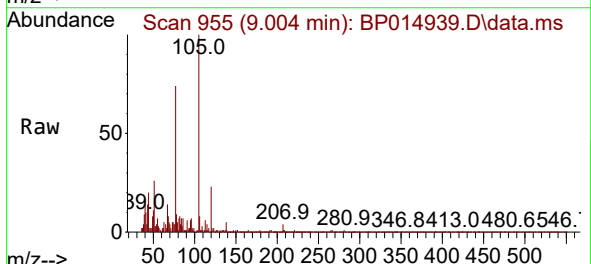
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ClientSampleId :
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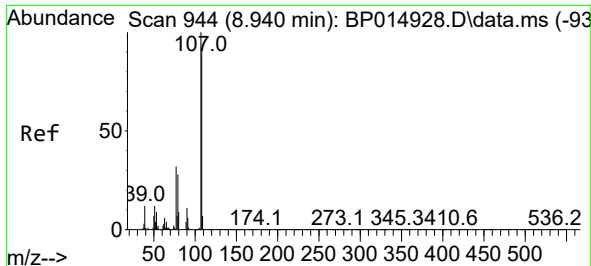
Tgt Ion:105 Resp: 21361
Ion Ratio Lower Upper
105 100
77 74.1 61.2 91.8
51 27.8 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 0.010 ng/ul
RT: 9.004 min Scan# 955
Delta R.T. 0.023 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion: 70 Resp: 170
Ion Ratio Lower Upper
70 100
42 116.0 41.9 62.9#
101 13.3 7.7 11.5#
130 3.6 16.2 24.2#





#18

4-Methylphenol

Concen: 0.003 ng/ul

RT: 8.969 min Scan# 944

Delta R.T. 0.029 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

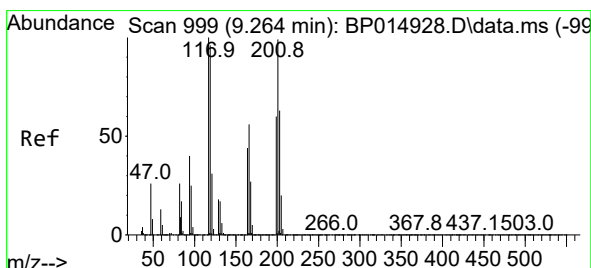
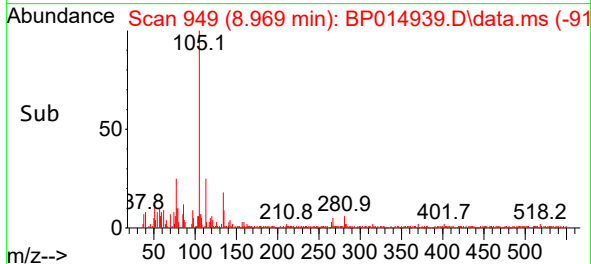
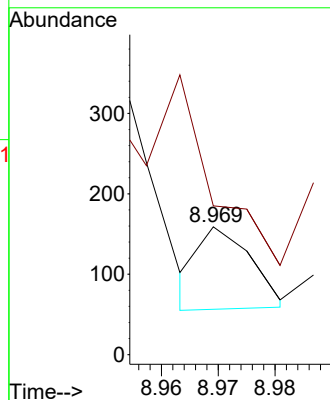
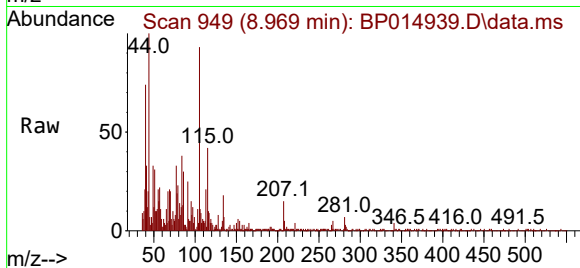
EW919DL

Tgt Ion:108 Resp: 65

Ion Ratio Lower Upper

108 100

107 116.4 87.2 130.8



#19

Hexachloroethane

Concen: 0.015 ng/ul

RT: 9.251 min Scan# 997

Delta R.T. -0.012 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

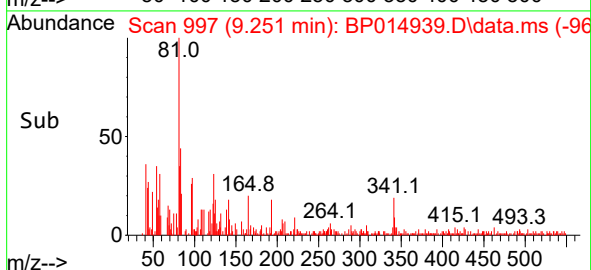
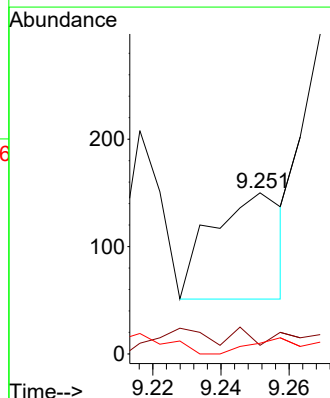
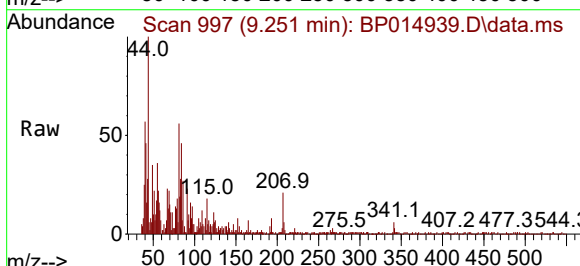
Tgt Ion:117 Resp: 143

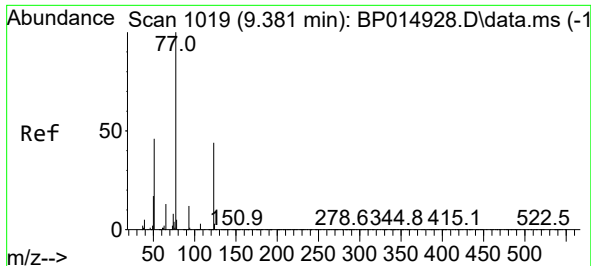
Ion Ratio Lower Upper

117 100

201 4.9 78.9 118.3#

199 6.1 48.3 72.5#

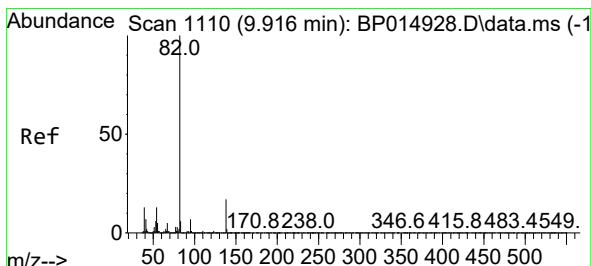
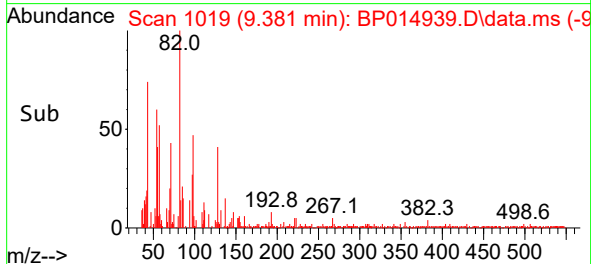
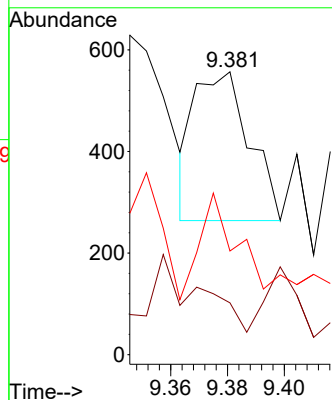
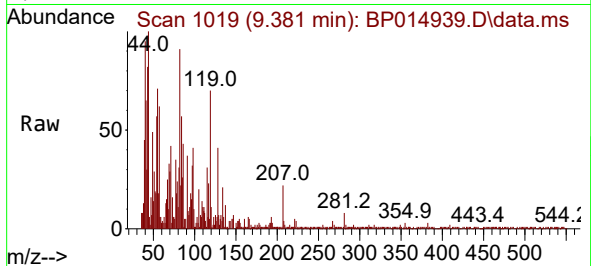




#22
Nitrobenzene
Concen: 0.016 ng/ul
RT: 9.381 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

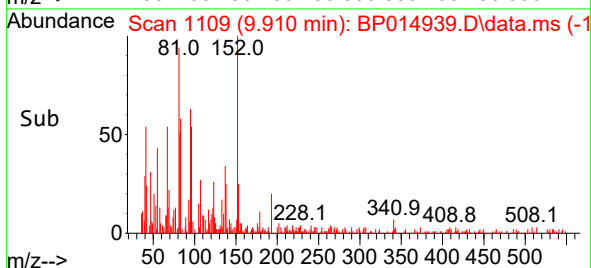
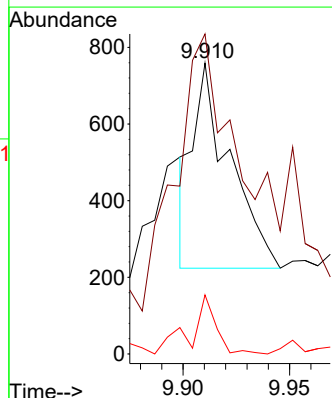
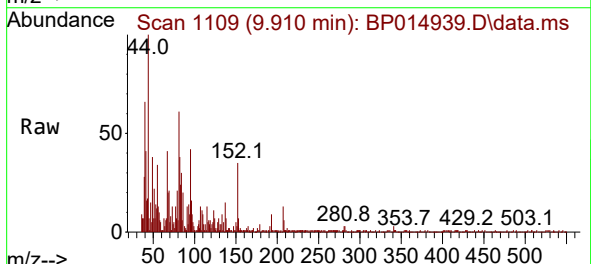
Instrument :
BNA_P
ClientSampleId :
EW919DL

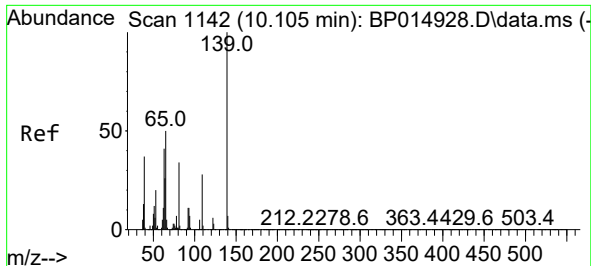
Tgt Ion: 77 Resp: 392
Ion Ratio Lower Upper
77 100
123 18.3 34.8 52.2#
65 36.6 10.2 15.2#



#23
Isophorone
Concen: 0.013 ng/ul
RT: 9.910 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion: 82 Resp: 640
Ion Ratio Lower Upper
82 100
95 110.0 5.3 7.9#
138 20.3 13.9 20.9

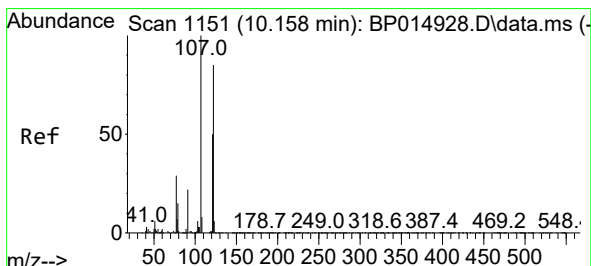
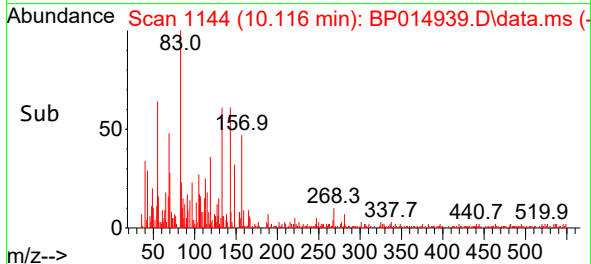
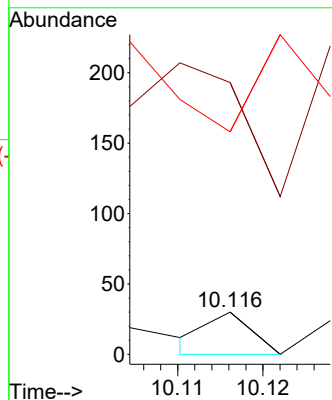
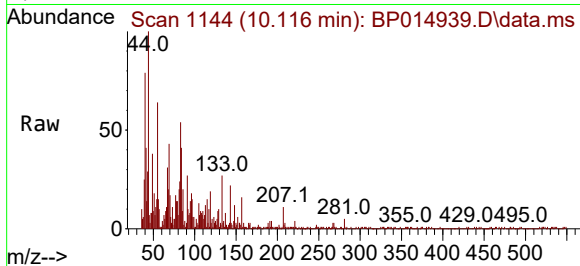




#25
2-Nitrophenol
Concen: 0.001 ng/ul
RT: 10.116 min Scan# 1144
Delta R.T. 0.011 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

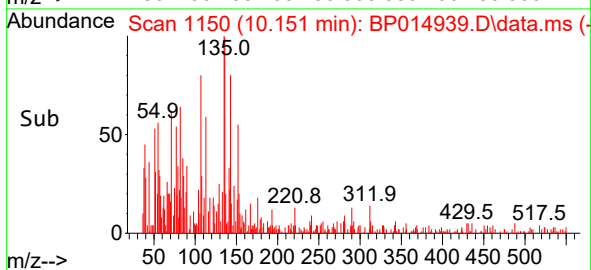
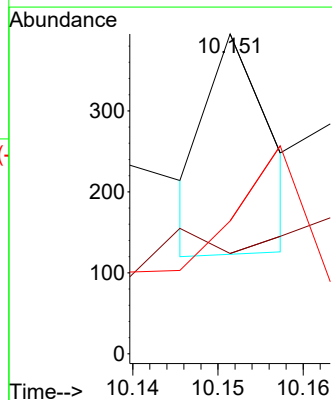
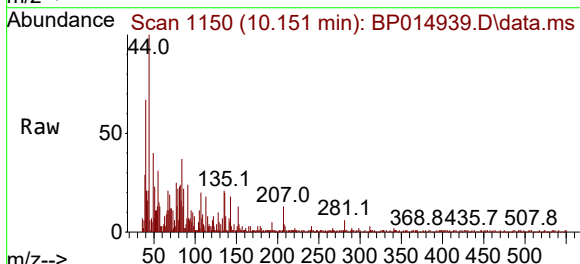
Instrument :
BNA_P
ClientSampleId :
EW919DL

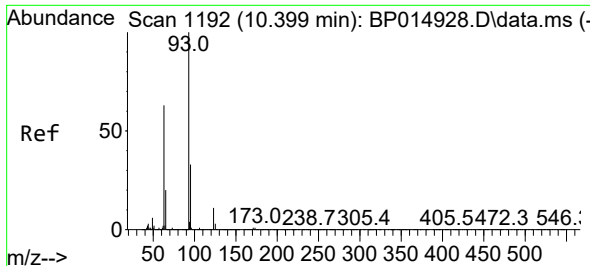
Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
65 643.3 40.5 60.7#
109 526.7 22.4 33.6#



#26
2,4-Dimethylphenol
Concen: 0.006 ng/ul
RT: 10.151 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:107 Resp: 140
Ion Ratio Lower Upper
107 100
121 31.4 40.2 60.2#
122 41.5 69.6 104.4#

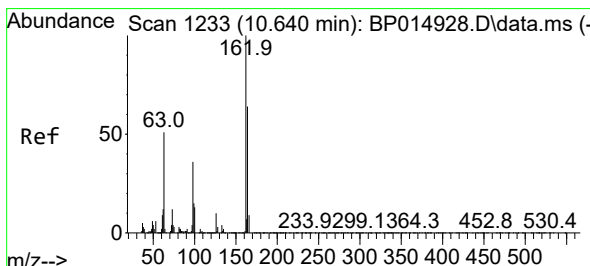
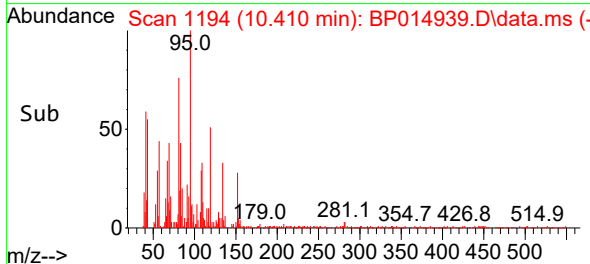
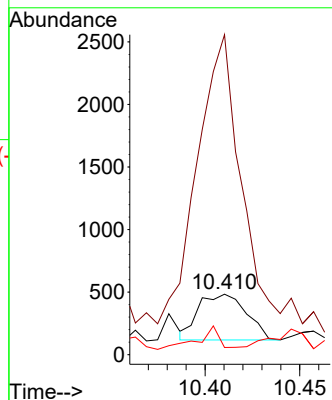
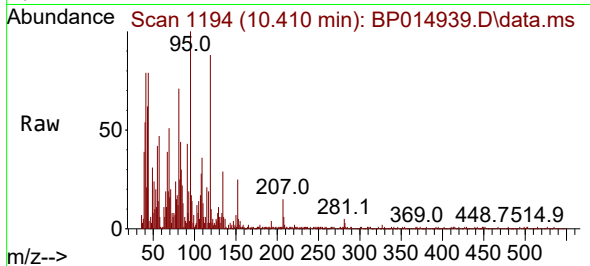




#27
 Bis(2-Chloroethoxy)methane
 Concen: 0.021 ng/ul
 RT: 10.410 min Scan# 1194
 Delta R.T. 0.011 min
 Lab File: BP014939.D
 Acq: 03 May 2023 20:17

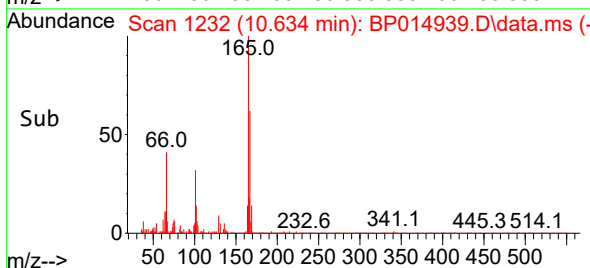
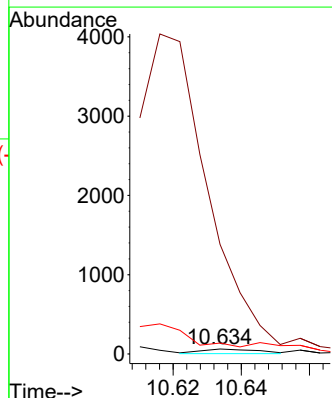
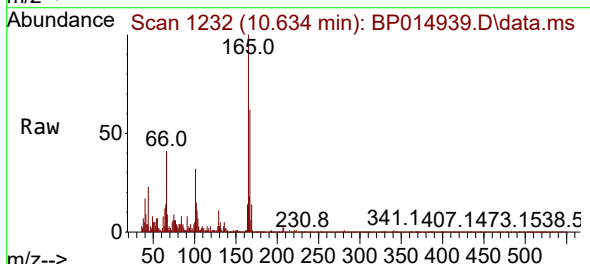
Instrument :
 BNA_P
 ClientSampleId :
 EW919DL

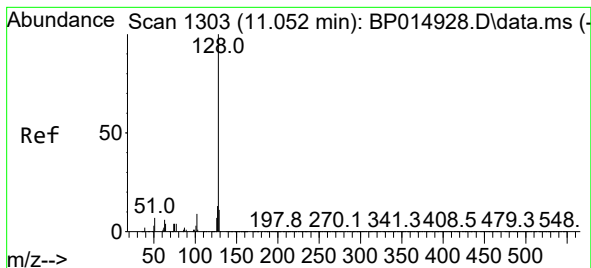
Tgt Ion: 93 Resp: 641
 Ion Ratio Lower Upper
 93 100
 95 529.6 26.1 39.1#
 123 11.8 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 0.003 ng/ul
 RT: 10.634 min Scan# 1232
 Delta R.T. -0.006 min
 Lab File: BP014939.D
 Acq: 03 May 2023 20:17

Tgt Ion: 162 Resp: 67
 Ion Ratio Lower Upper
 162 100
 164 2229.0 51.5 77.3#
 98 222.6 28.8 43.2#





#30

Naphthalene

Concen: 0.720 ng/ul

RT: 11.051 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

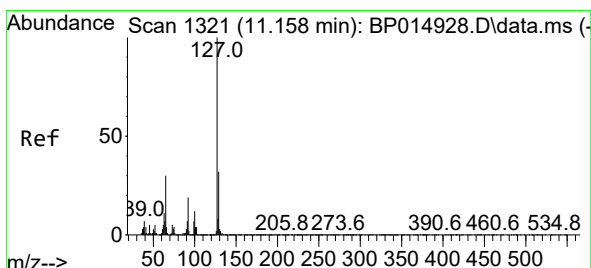
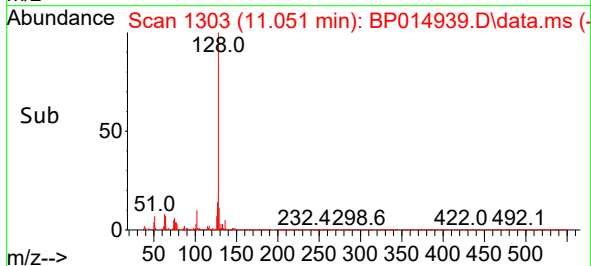
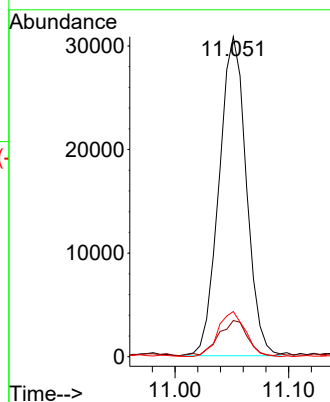
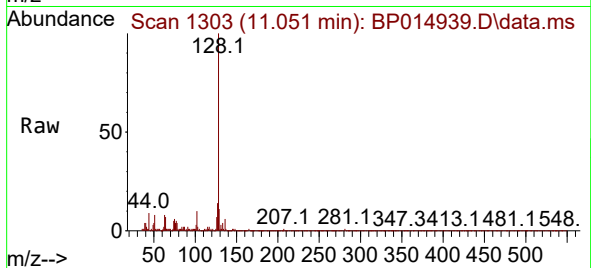
Tgt Ion:128 Resp: 51438

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 14.1 10.4 15.6



#32

4-Chloroaniline

Concen: 0.007 ng/ul

RT: 11.163 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BP014939.D

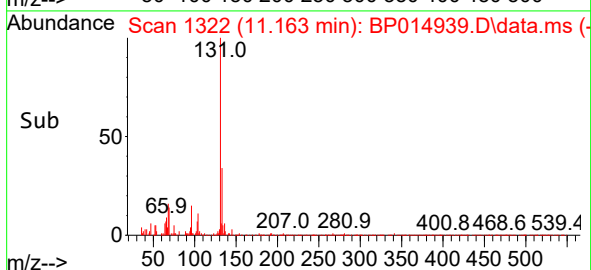
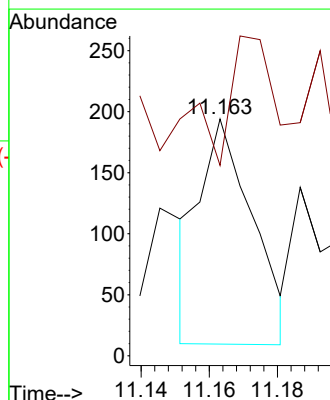
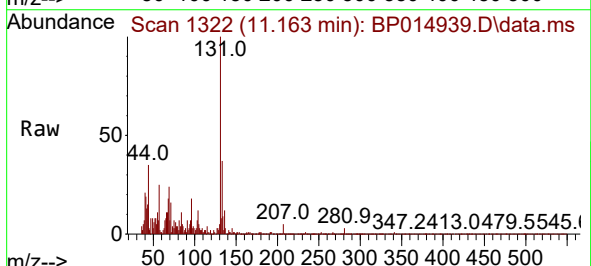
Acq: 03 May 2023 20:17

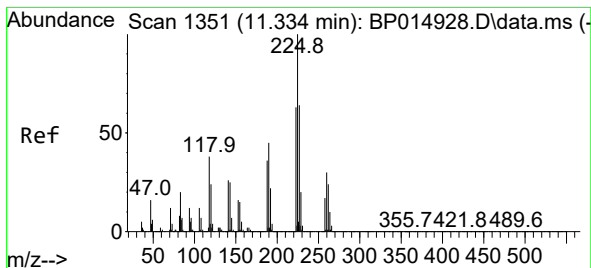
Tgt Ion:127 Resp: 198

Ion Ratio Lower Upper

127 100

129 80.4 25.5 38.3#





#33

Hexachlorobutadiene

Concen: 0.002 ng/ul

RT: 11.334 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

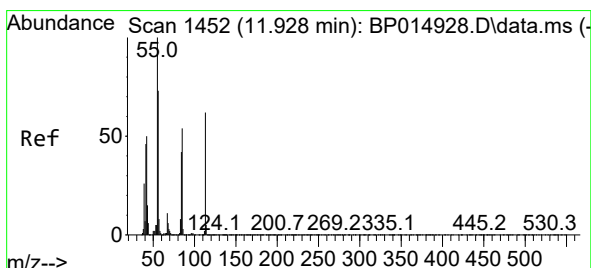
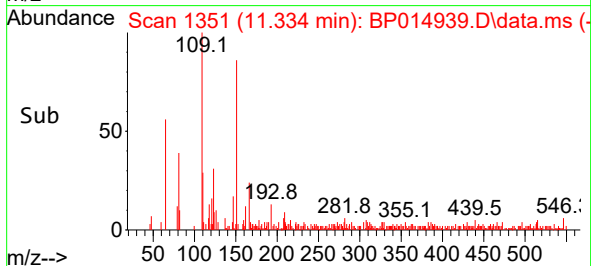
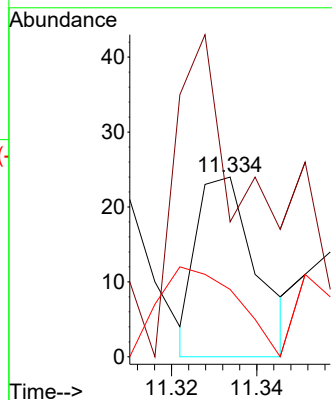
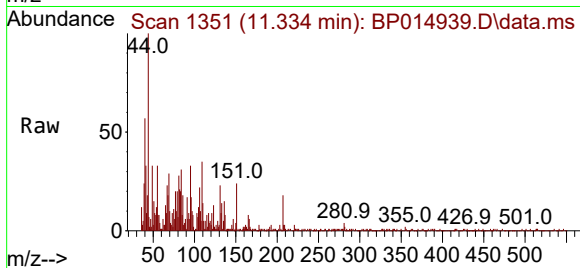
Tgt Ion:225 Resp: 23

Ion Ratio Lower Upper

225 100

223 75.0 50.6 76.0

227 37.5 51.4 77.0#



#34

Caprolactam

Concen: 0.008 ng/ul

RT: 11.910 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

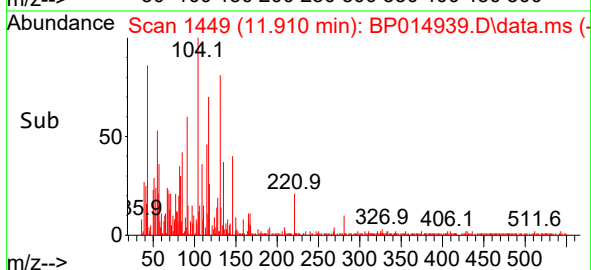
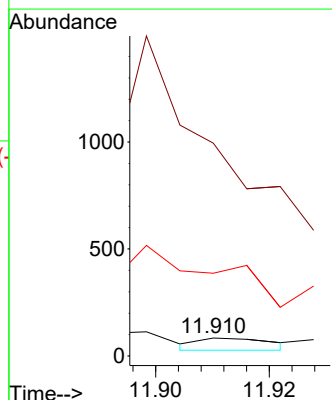
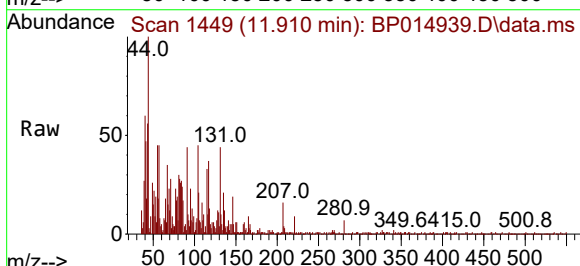
Tgt Ion:113 Resp: 50

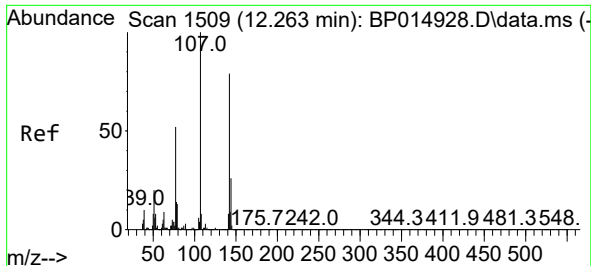
Ion Ratio Lower Upper

113 100

55 1005.1 128.5 192.7#

56 390.9 94.3 141.5#





#35

4-Chloro-3-methylphenol

Concen: 0.004 ng/ul

RT: 12.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

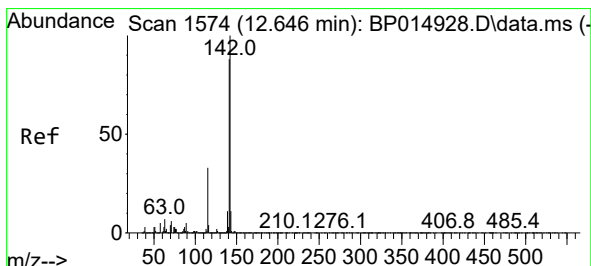
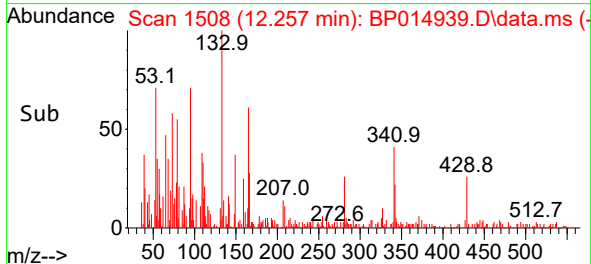
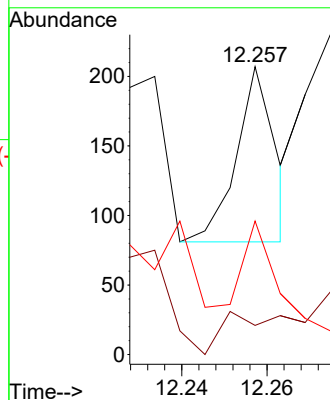
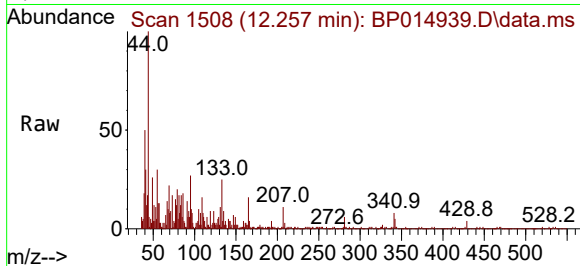
Tgt Ion:107 Resp: 80

Ion Ratio Lower Upper

107 100

144 10.1 20.6 30.8#

142 46.4 63.2 94.8#



#36

2-Methylnaphthalene

Concen: 1.078 ng/ul

RT: 12.645 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BP014939.D

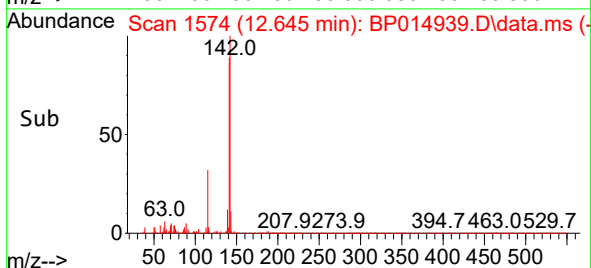
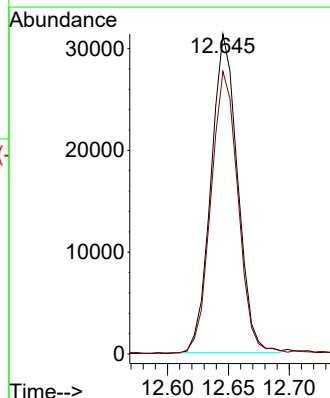
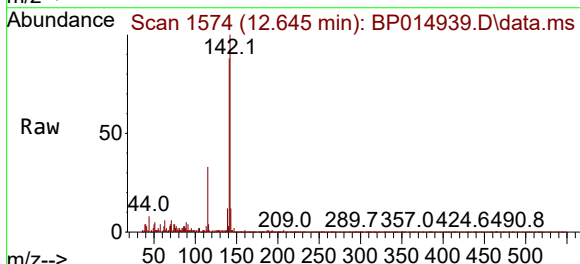
Acq: 03 May 2023 20:17

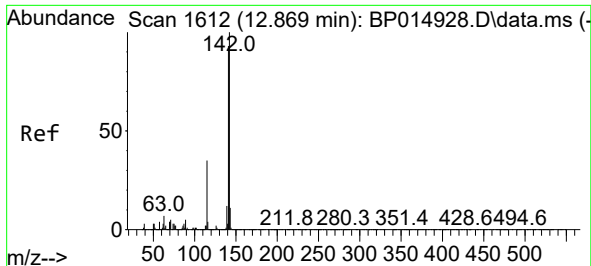
Tgt Ion:142 Resp: 47614

Ion Ratio Lower Upper

142 100

141 88.3 70.5 105.7





#37

1-Methylnaphthalene

Concen: 0.842 ng/ul

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

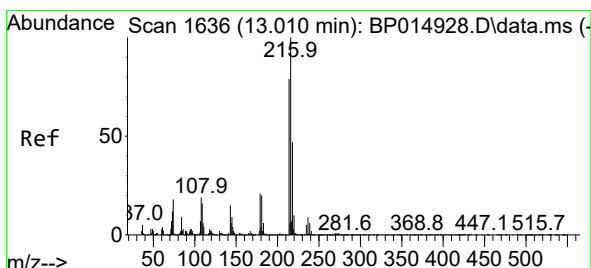
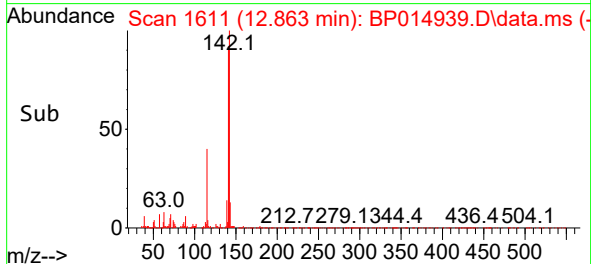
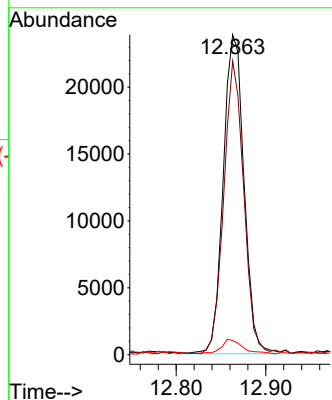
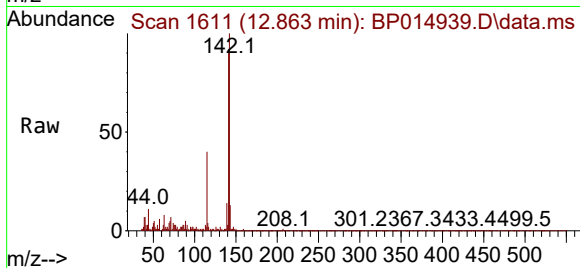
Tgt Ion:142 Resp: 38335

Ion Ratio Lower Upper

142 100

141 91.8 74.4 111.6

116 4.4 2.9 4.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.002 ng/ul

RT: 13.010 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Tgt Ion:216 Resp: 34

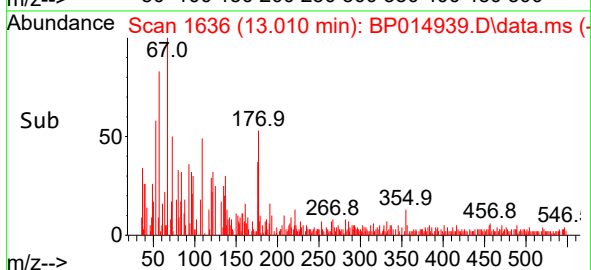
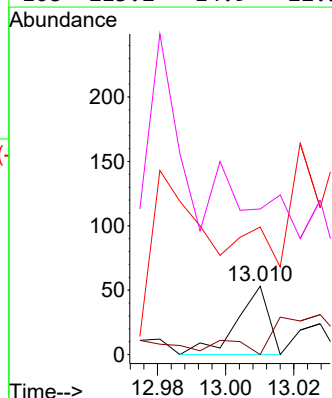
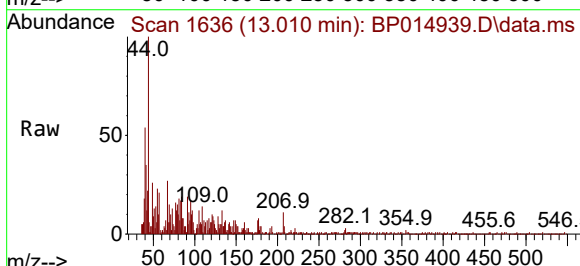
Ion Ratio Lower Upper

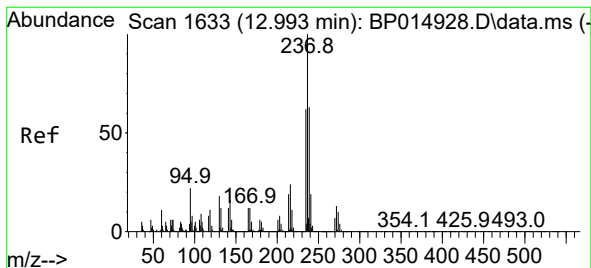
216 100

214 0.0 63.0 94.4#

179 186.8 16.9 25.3#

108 213.2 14.9 22.3#





#40

Hexachlorocyclopentadiene

Concen: 0.001 ng/ul

RT: 12.992 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

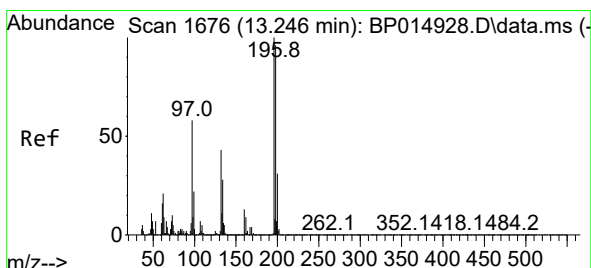
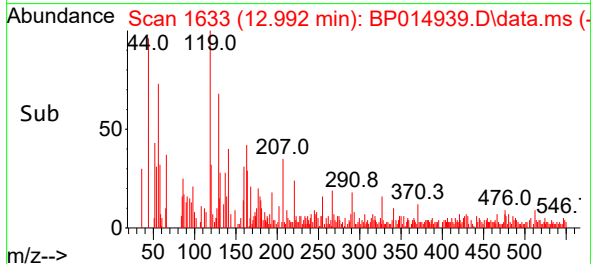
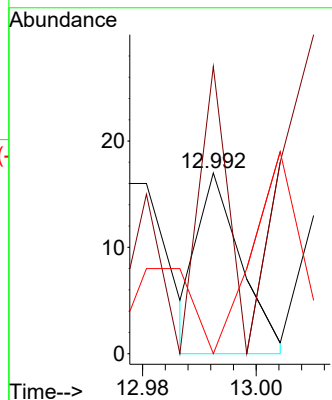
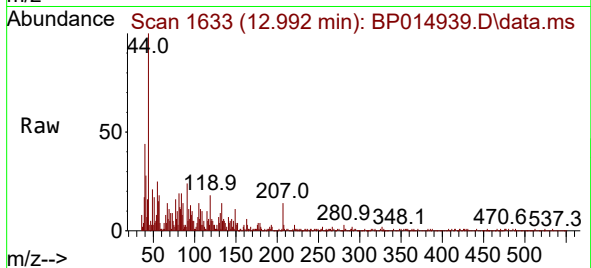
Instrument :

BNA_P

ClientSampleId :

EW919DL

Tgt Ion:237	Resp:	9
Ion Ratio	Lower	Upper
237	100	
235	158.8	49.9 74.9#
272	0.0	10.0 15.0#



#41

2,4,6-Trichlorophenol

Concen: 0.003 ng/ul

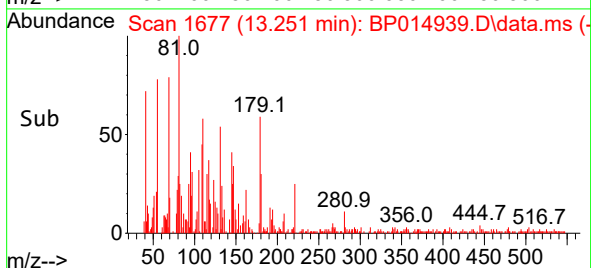
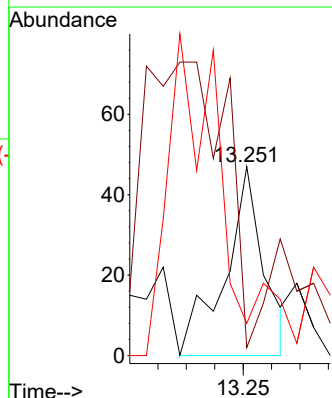
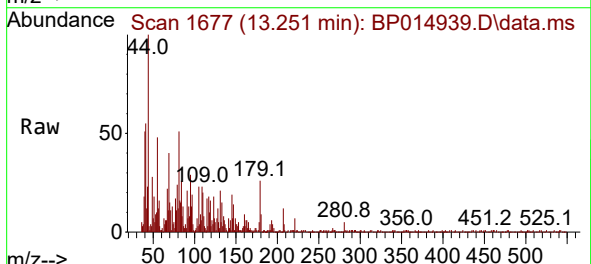
RT: 13.251 min Scan# 1677

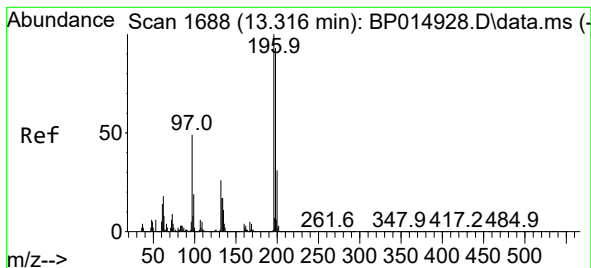
Delta R.T. 0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Tgt Ion:196	Resp:	44
Ion Ratio	Lower	Upper
196	100	
198	4.3	76.8 115.2#
200	31.9	24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 0.002 ng/ul

RT: 13.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

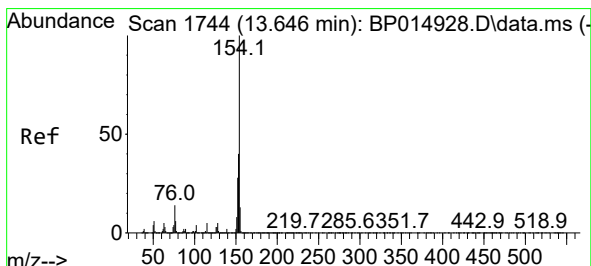
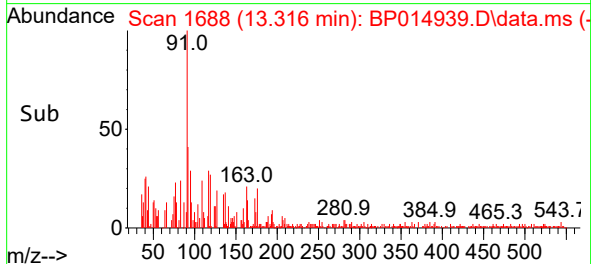
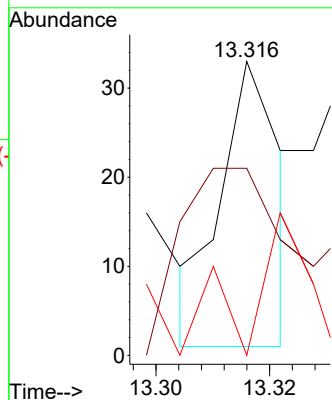
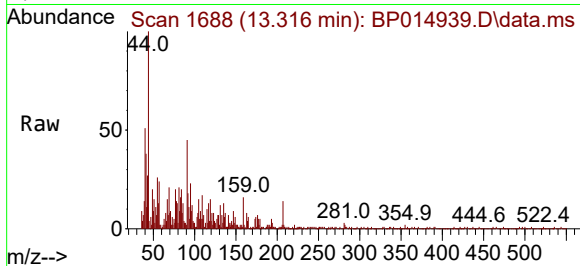
Tgt Ion:196 Resp: 23

Ion Ratio Lower Upper

196 100

198 63.6 74.2 111.4#

200 15.2 24.6 37.0#



#43

1,1'-Biphenyl

Concen: 0.196 ng/ul

RT: 13.645 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

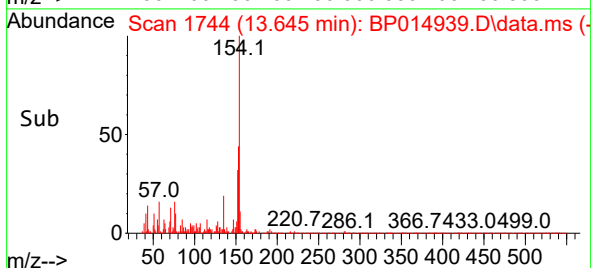
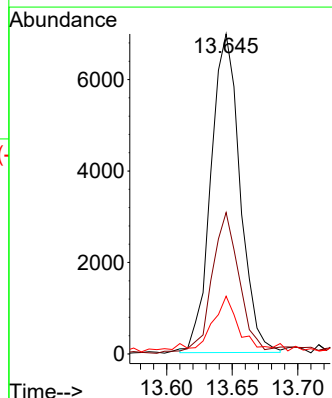
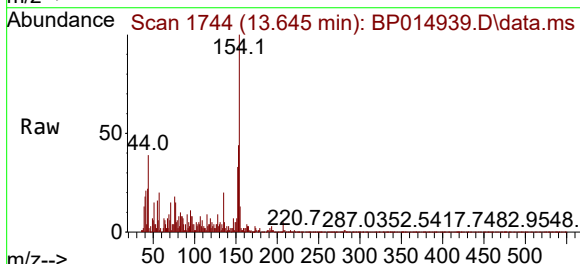
Tgt Ion:154 Resp: 10766

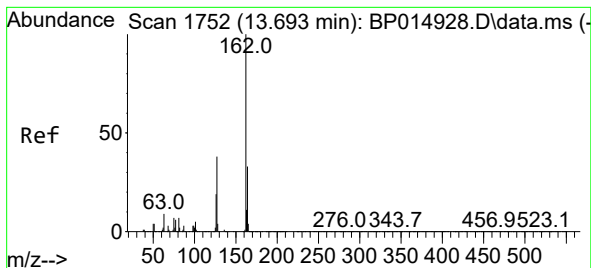
Ion Ratio Lower Upper

154 100

153 44.2 31.9 47.9

76 18.1 11.3 16.9#





#44

2-Chloronaphthalene

Concen: 0.005 ng/ul

RT: 13.516 min Scan# 1

Delta R.T. -0.177 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

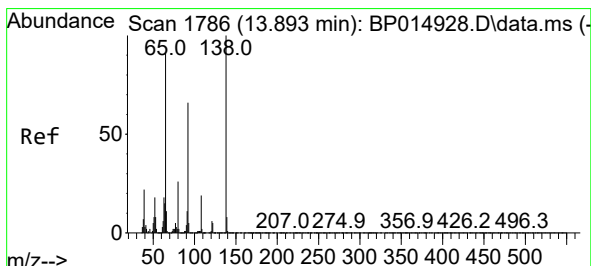
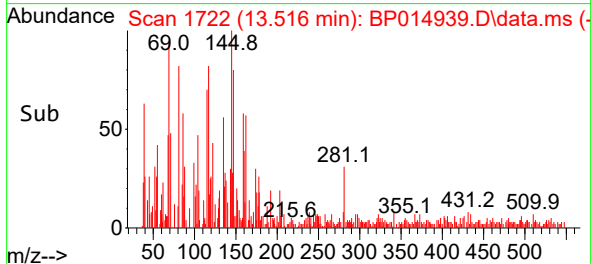
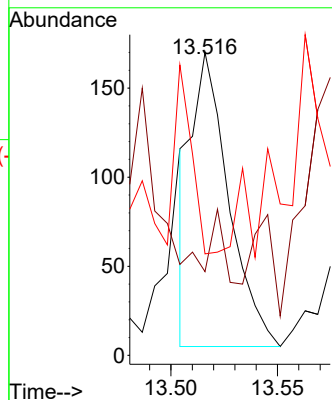
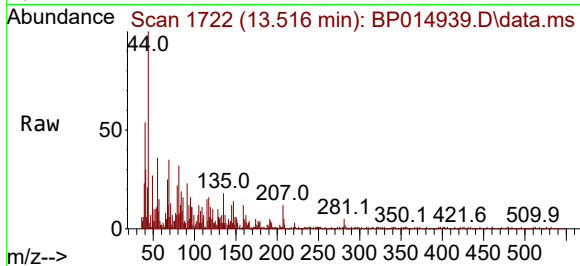
Tgt Ion:162 Resp: 199

Ion Ratio Lower Upper

162 100

164 27.6 26.3 39.5

127 33.5 30.4 45.6



#45

2-Nitroaniline

Concen: 0.007 ng/ul

RT: 13.904 min Scan# 1788

Delta R.T. 0.011 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

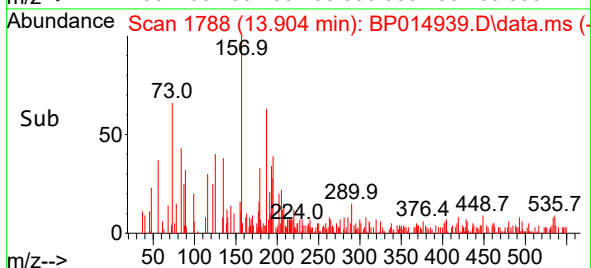
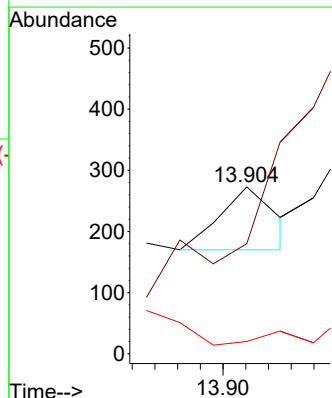
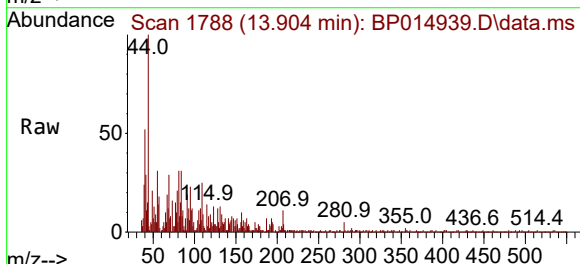
Tgt Ion: 65 Resp: 71

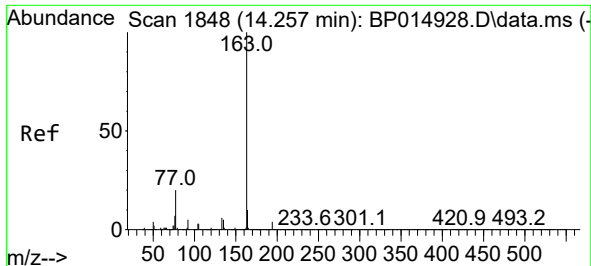
Ion Ratio Lower Upper

65 100

92 65.9 58.3 87.5

138 7.3 87.9 131.9#

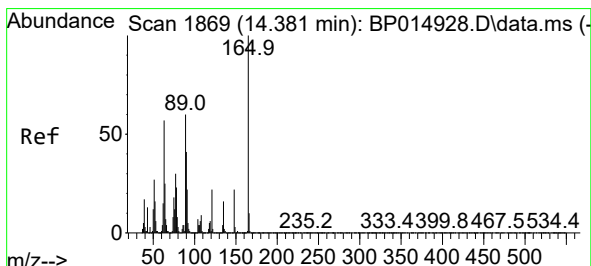
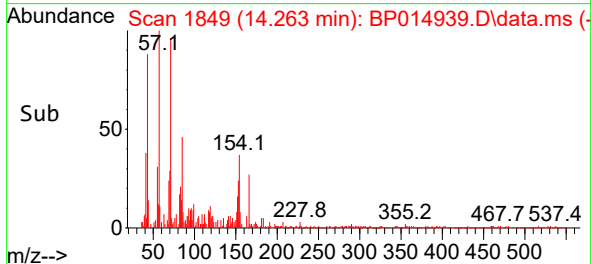
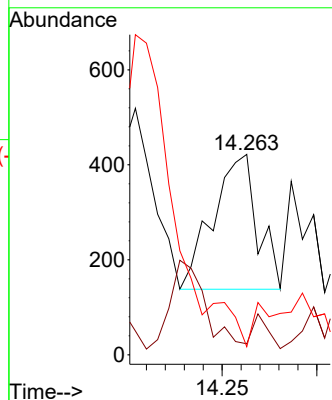
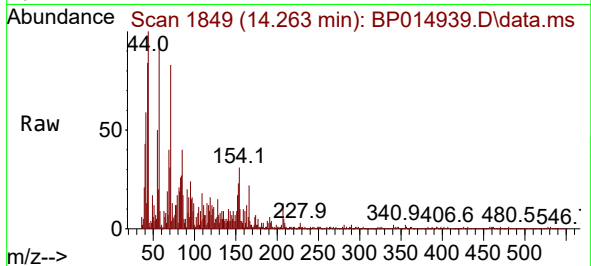




#47
Dimethylphthalate
Concen: 0.009 ng/ul
RT: 14.263 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

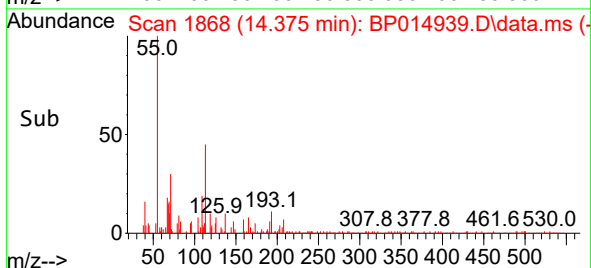
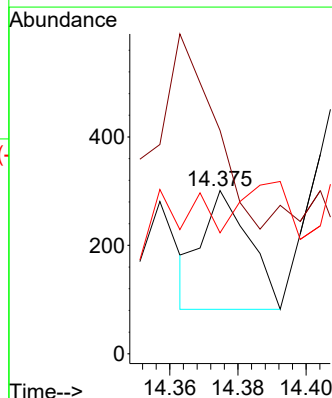
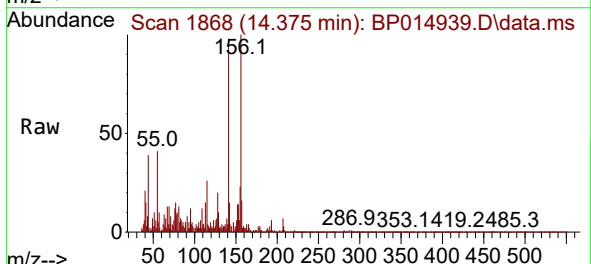
Instrument :
BNA_P
ClientSampleId :
EW919DL

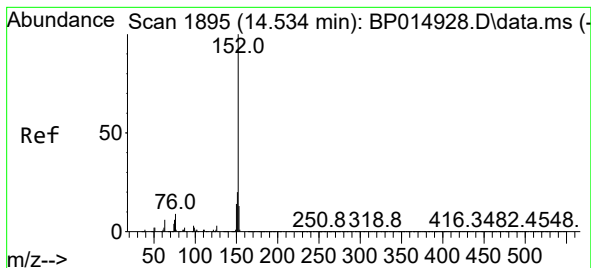
Tgt Ion:163 Resp: 462
Ion Ratio Lower Upper
163 100
194 5.5 3.1 4.7#
164 4.0 8.0 12.0#



#48
2,6-Dinitrotoluene
Concen: 0.023 ng/ul
RT: 14.375 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:165 Resp: 208
Ion Ratio Lower Upper
165 100
89 136.9 48.1 72.1#
121 74.1 17.3 25.9#





#50

Acenaphthylene

Concen: 0.900 ng/ul

RT: 14.534 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

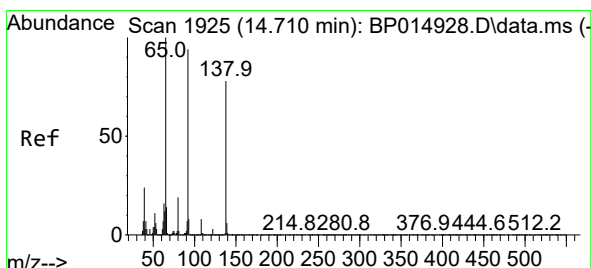
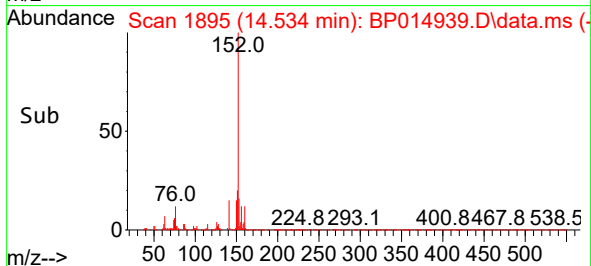
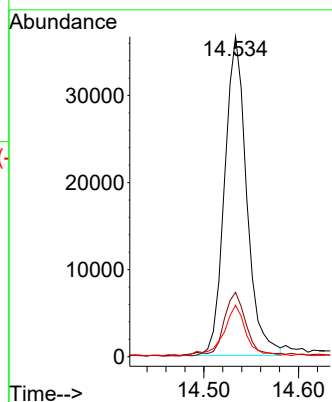
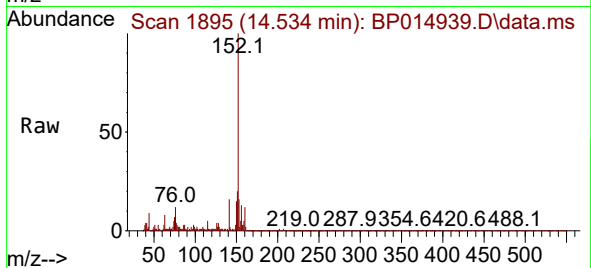
Tgt Ion:152 Resp: 59494

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 16.0 10.4 15.6#



#51

3-Nitroaniline

Concen: 0.006 ng/ul

RT: 14.710 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

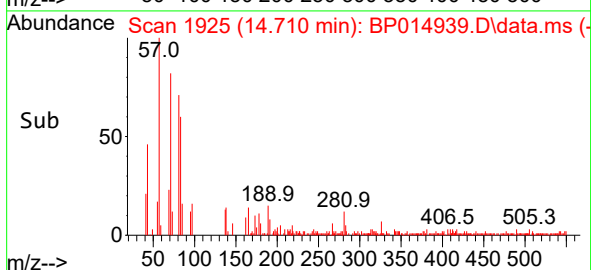
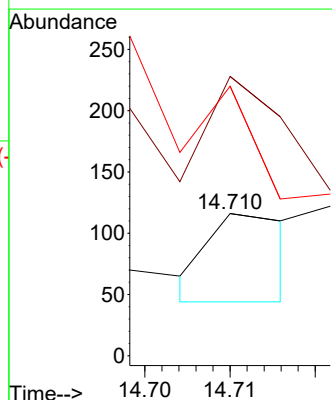
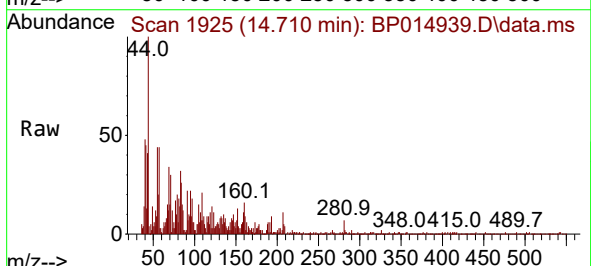
Tgt Ion:138 Resp: 49

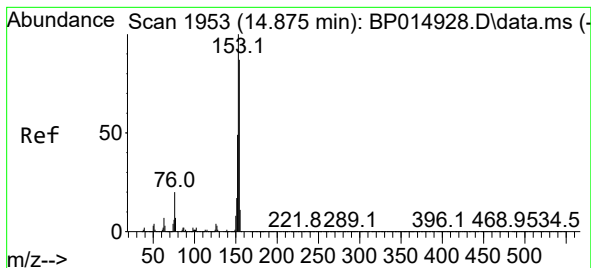
Ion Ratio Lower Upper

138 100

108 196.6 8.5 12.7#

92 189.7 95.8 143.6#





#52

Acenaphthene

Concen: 2.098 ng/ul

RT: 14.875 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

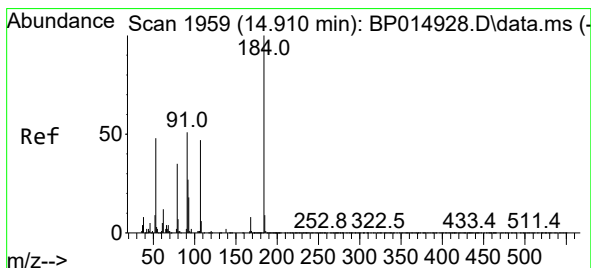
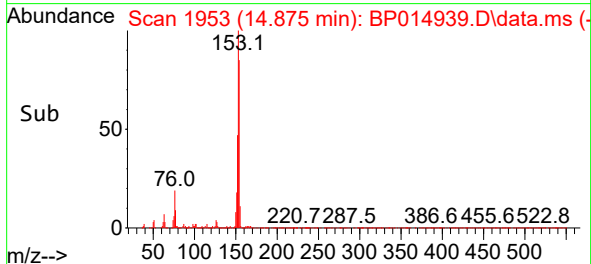
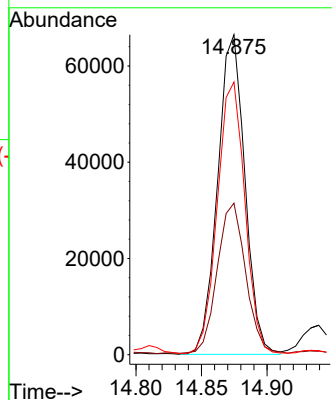
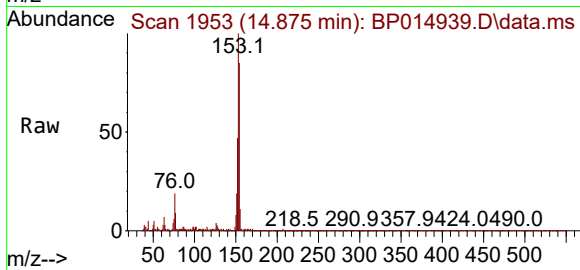
Tgt Ion:153 Resp: 95935

Ion Ratio Lower Upper

153 100

152 47.3 38.8 58.2

154 85.2 69.6 104.4



#53

2,4-Dinitrophenol

Concen: 0.002 ng/ul

RT: 14.910 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

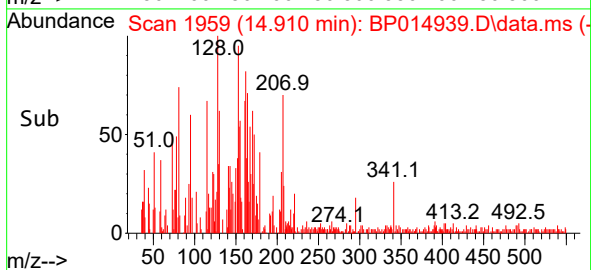
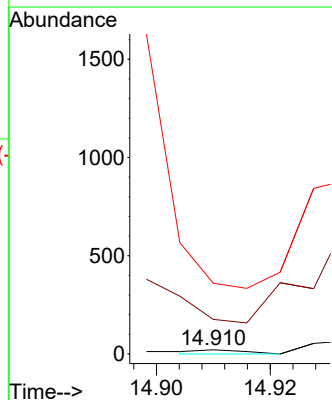
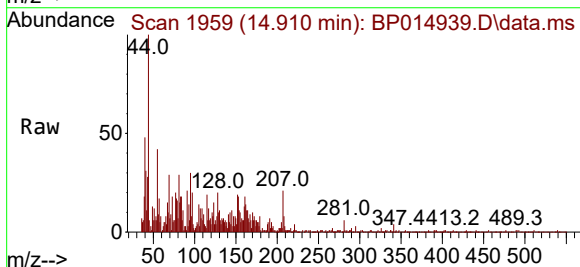
Tgt Ion:184 Resp: 12

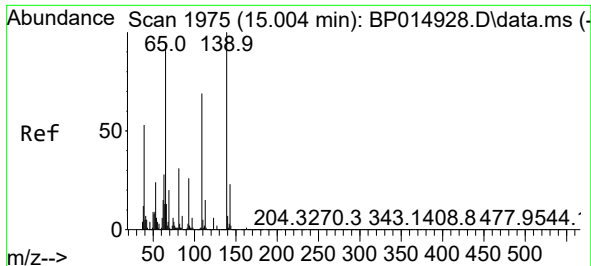
Ion Ratio Lower Upper

184 100

63 838.1 56.3 84.5#

154 1714.3 48.9 73.3#

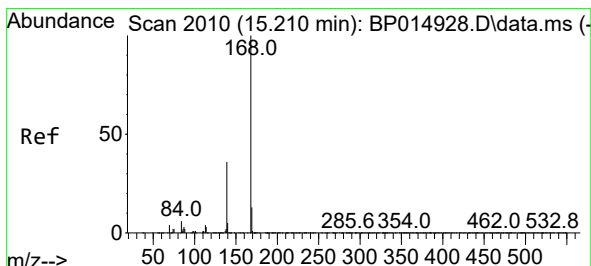
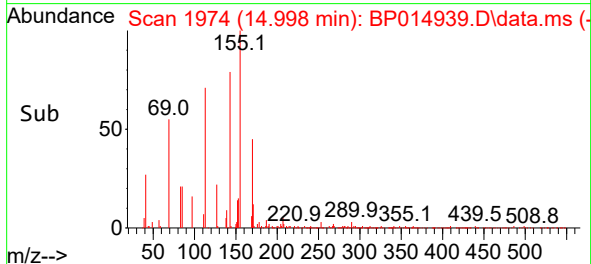
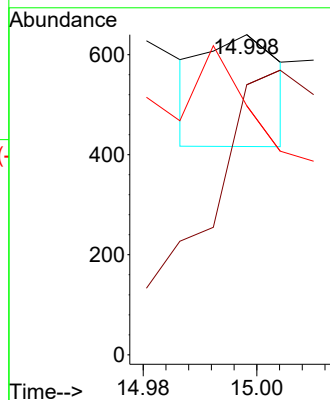
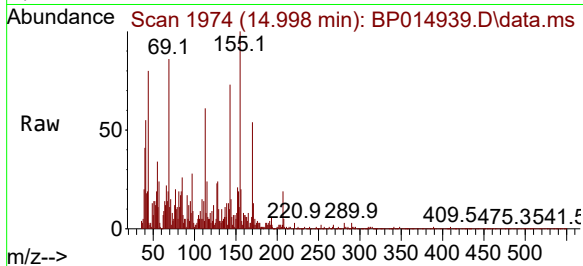




#55
4-Nitrophenol
Concen: 0.032 ng/ul
RT: 14.998 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

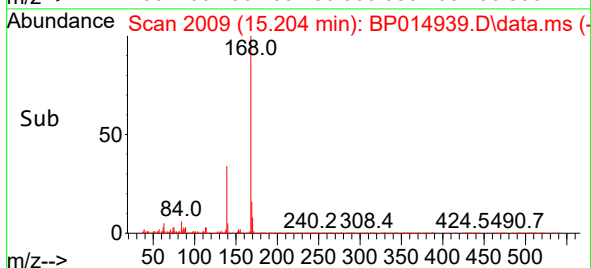
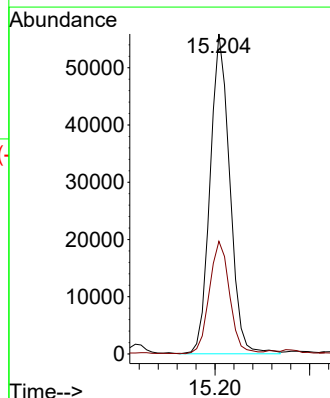
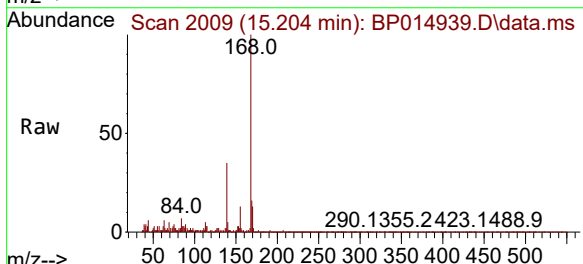
Instrument :
BNA_P
ClientSampleId :
EW919DL

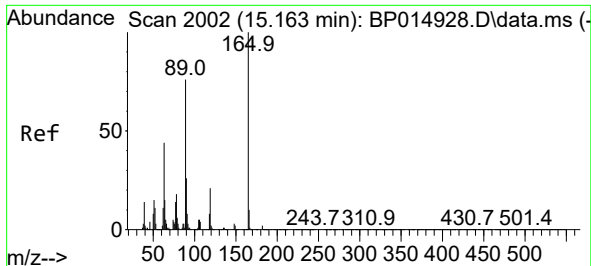
Tgt Ion:109 Resp: 205
Ion Ratio Lower Upper
109 100
139 84.4 115.1 172.7#
65 77.8 110.6 166.0#



#56
Dibenzofuran
Concen: 1.309 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:168 Resp: 80733
Ion Ratio Lower Upper
168 100
139 35.2 28.6 42.8

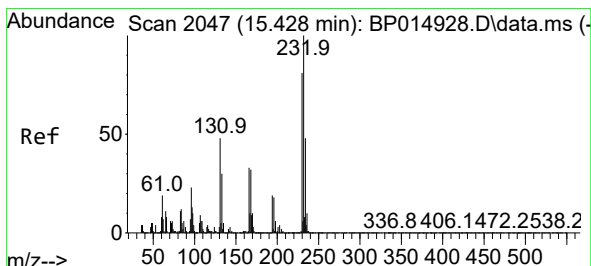
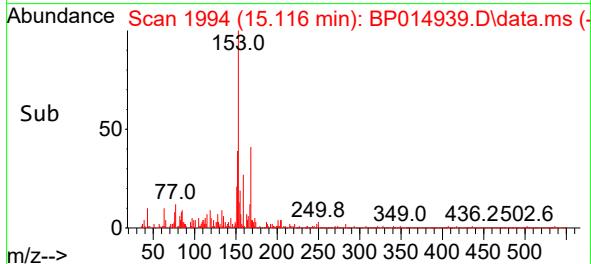
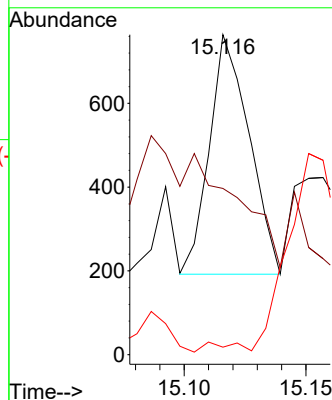
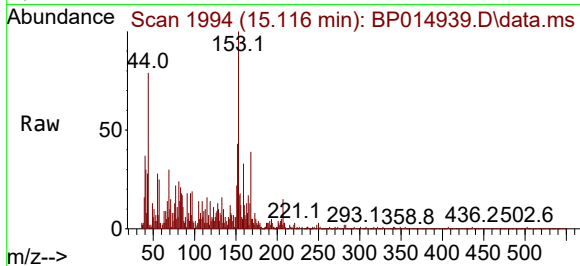




#57
2,4-Dinitrotoluene
Concen: 0.051 ng/ul
RT: 15.116 min Scan# 1994
Delta R.T. -0.047 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

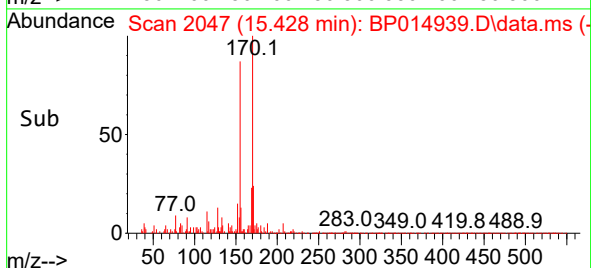
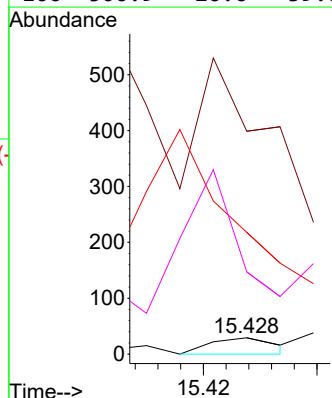
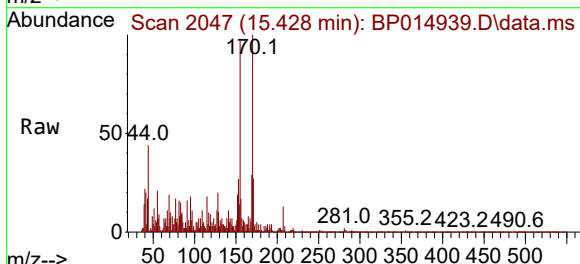
Instrument :
BNA_P
ClientSampleId :
EW919DL

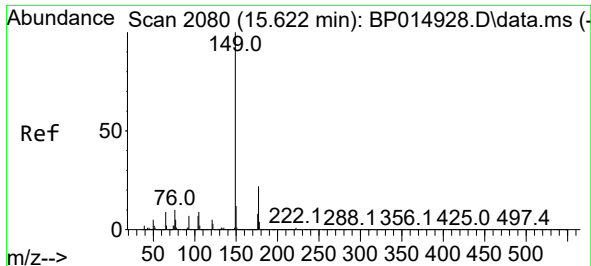
Tgt Ion:165 Resp: 649
Ion Ratio Lower Upper
165 100
63 52.0 35.7 53.5
182 2.4 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 0.002 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:232 Resp: 24
Ion Ratio Lower Upper
232 100
131 1375.9 38.2 57.4#
130 751.7 2.1 3.1#
166 506.9 26.6 39.8#

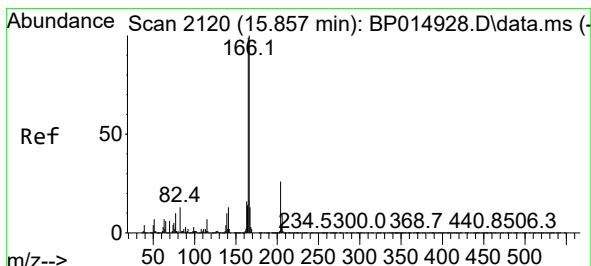
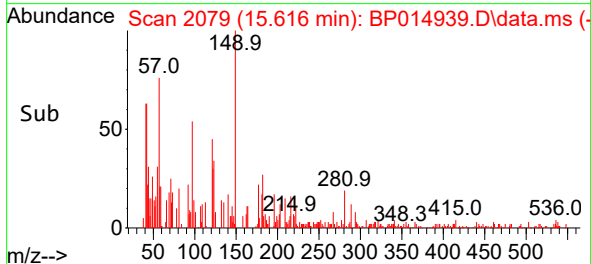
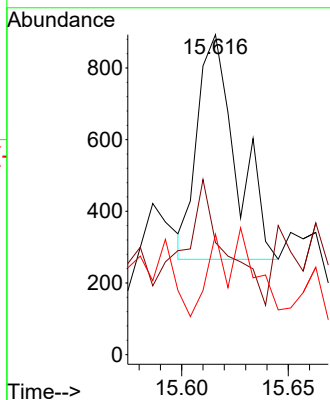
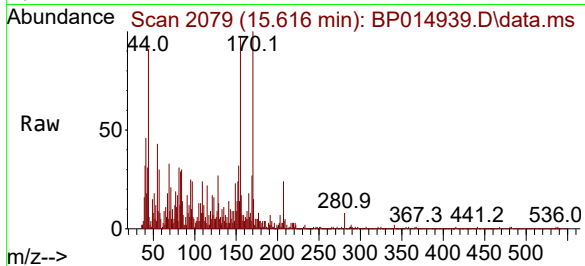




#59
Diethylphthalate
Concen: 0.016 ng/ul
RT: 15.616 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

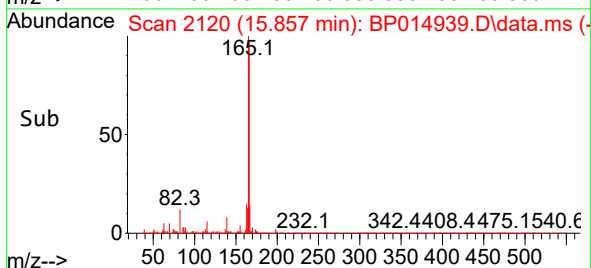
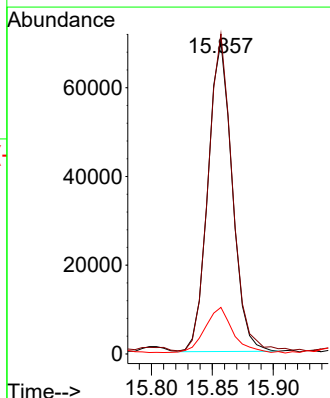
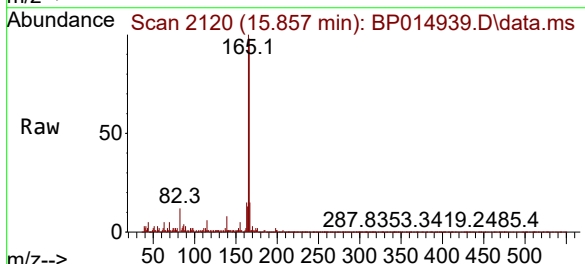
Instrument :
BNA_P
ClientSampleId :
EW919DL

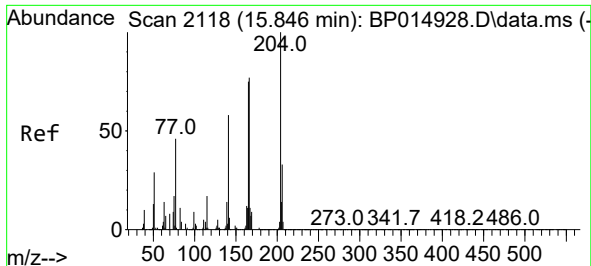
Tgt Ion:149 Resp: 791
Ion Ratio Lower Upper
149 100
177 35.1 17.5 26.3#
150 37.6 9.6 14.4#



#61
Fluorene
Concen: 1.989 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:166 Resp: 96787
Ion Ratio Lower Upper
166 100
165 102.4 79.3 118.9
167 14.9 10.7 16.1

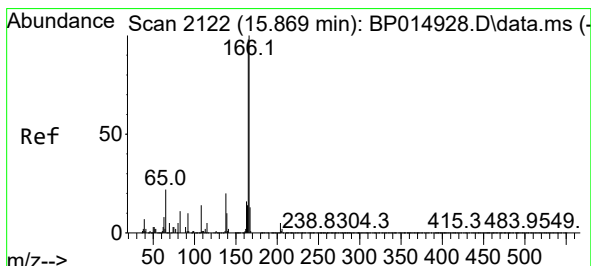
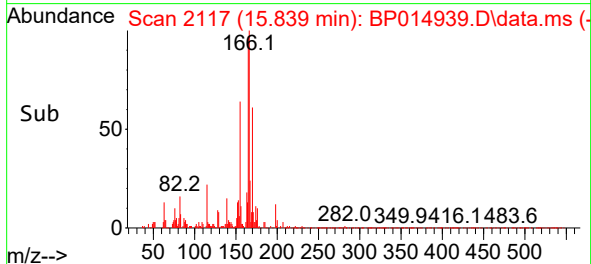
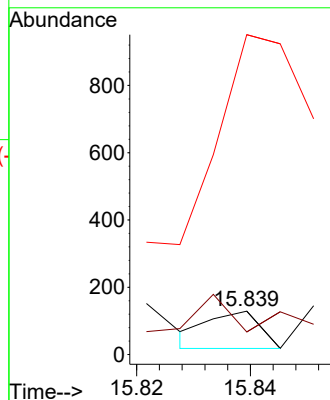
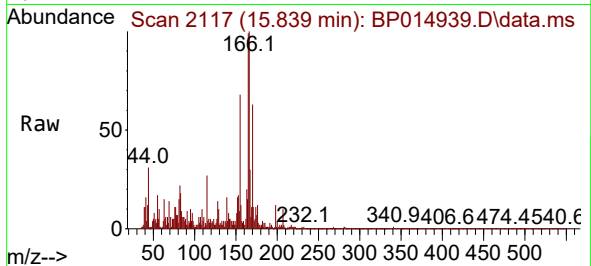




#62
4-Chlorophenyl-phenylether
Concen: 0.003 ng/ul
RT: 15.839 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

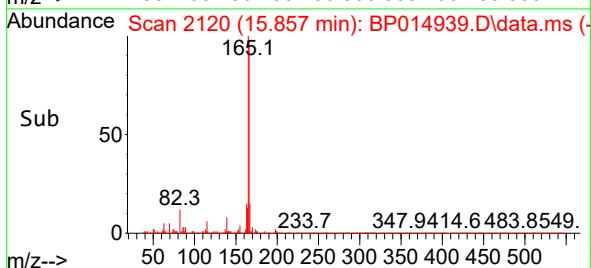
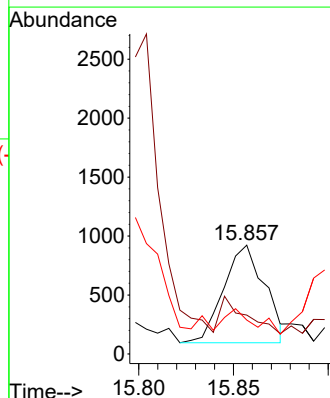
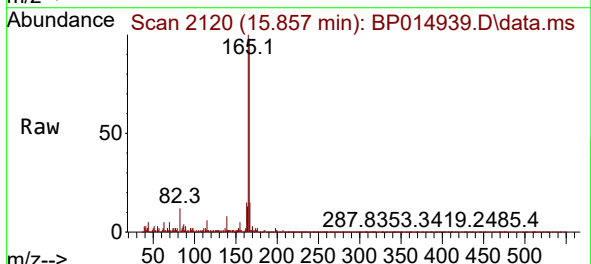
Instrument :
BNA_P
ClientSampleId :
EW919DL

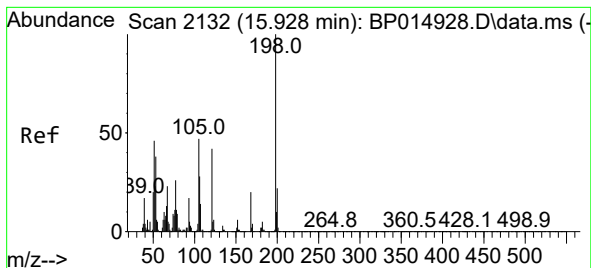
Tgt Ion:204 Resp: 70
Ion Ratio Lower Upper
204 100
206 51.9 26.2 39.2#
141 737.2 46.8 70.2#



#63
4-Nitroaniline
Concen: 0.182 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:138 Resp: 1241
Ion Ratio Lower Upper
138 100
92 35.8 43.7 65.5#
108 31.2 57.4 86.2#

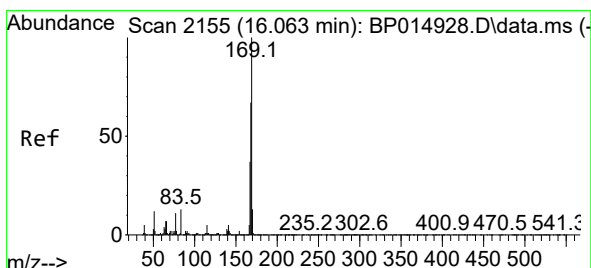
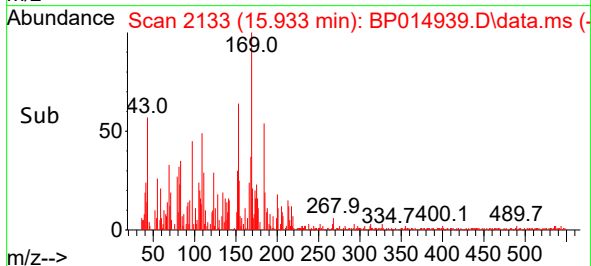
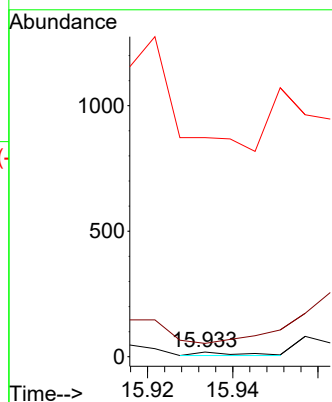
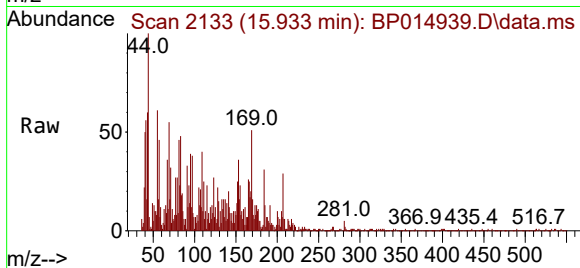




#66
4,6-Dinitro-2-methylphenol
Concen: 0.002 ng/ul
RT: 15.933 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

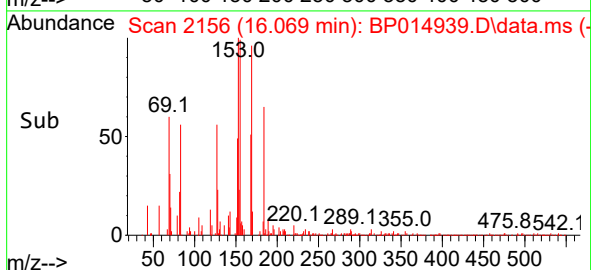
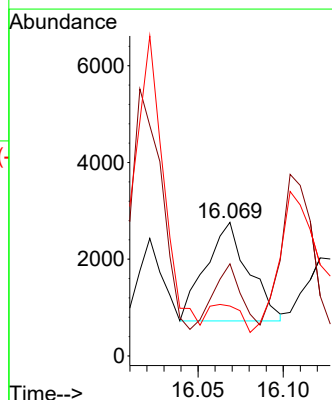
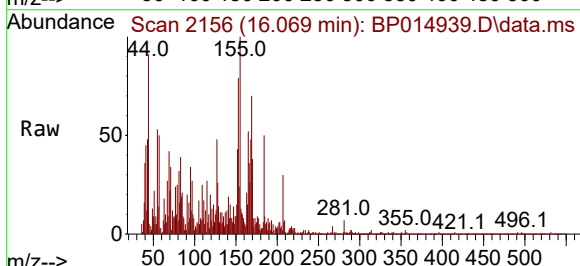
Instrument :
BNA_P
ClientSampleId :
EW919DL

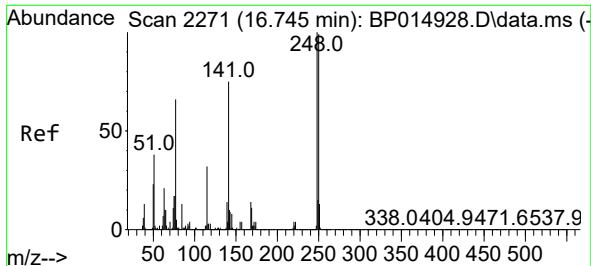
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 278.9 3.9 5.9#
77 4594.7 21.4 32.0#



#67
N-Nitrosodiphenylamine
Concen: 0.105 ng/ul
RT: 16.069 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:169 Resp: 3563
Ion Ratio Lower Upper
169 100
168 69.0 53.5 80.3
167 37.4 29.3 43.9

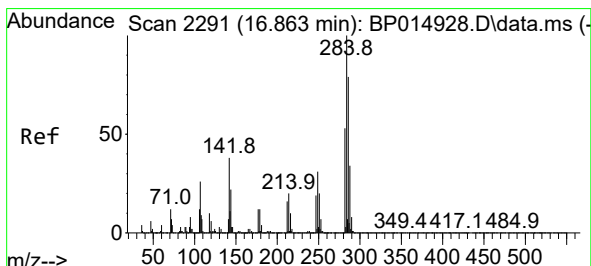
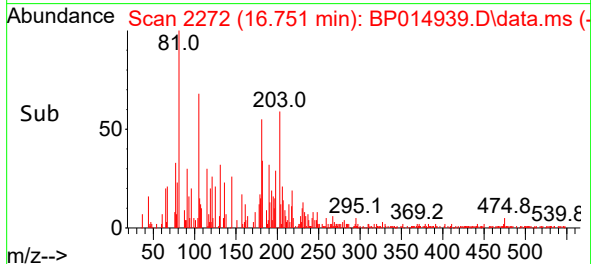
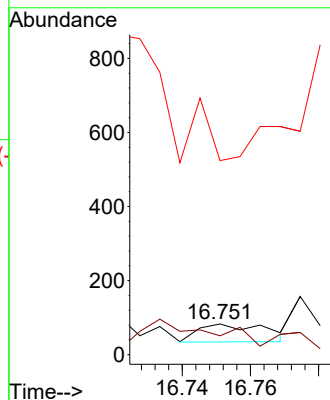
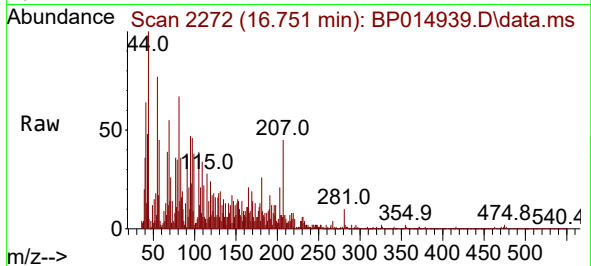




#68
4-Bromophenyl-phenylether
Concen: 0.006 ng/ul
RT: 16.751 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

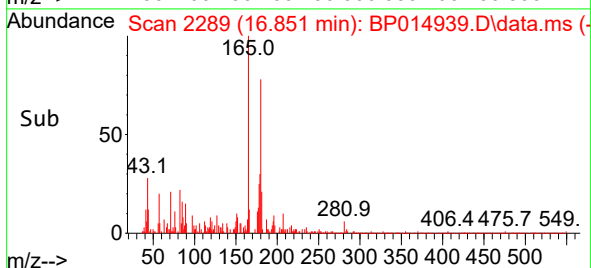
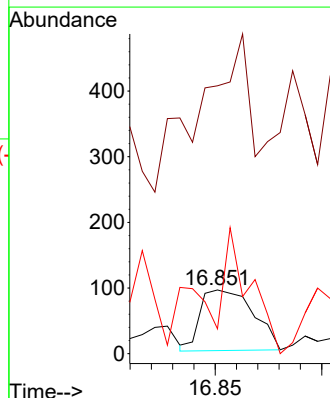
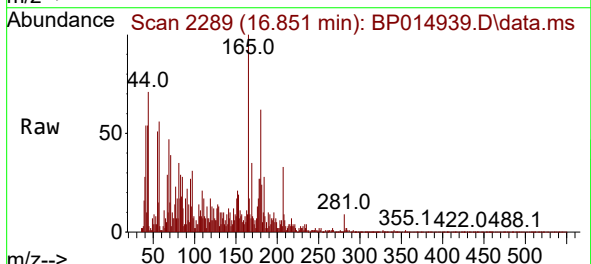
Instrument :
BNA_P
ClientSampleId :
EW919DL

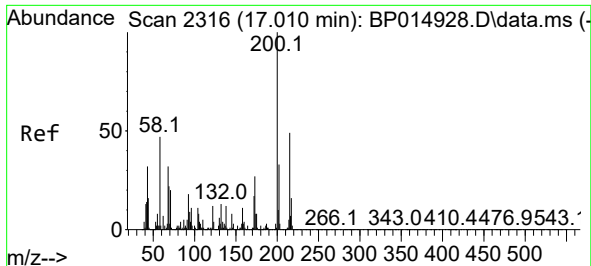
Tgt Ion:248 Resp: 67
Ion Ratio Lower Upper
248 100
250 48.6 79.5 119.3#
141 499.0 60.2 90.4#



#69
Hexachlorobenzene
Concen: 0.012 ng/ul
RT: 16.851 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:284 Resp: 160
Ion Ratio Lower Upper
284 100
142 420.6 30.2 45.2#
249 60.8 24.5 36.7#

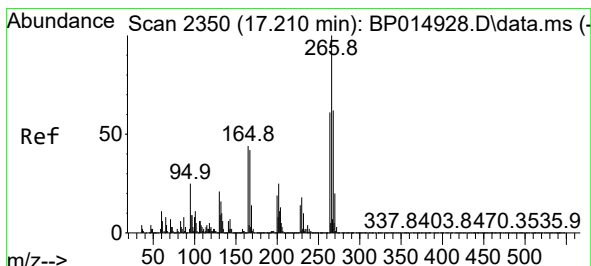
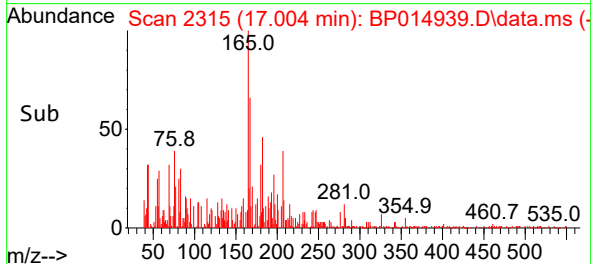
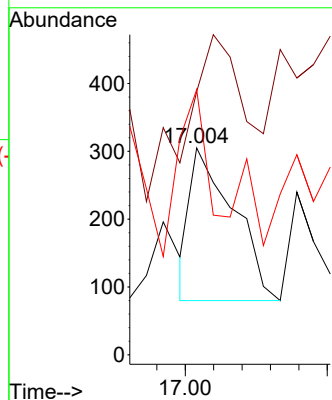
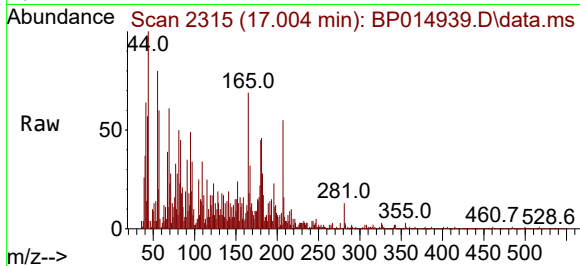




#70
Atrazine
Concen: 0.021 ng/ul
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

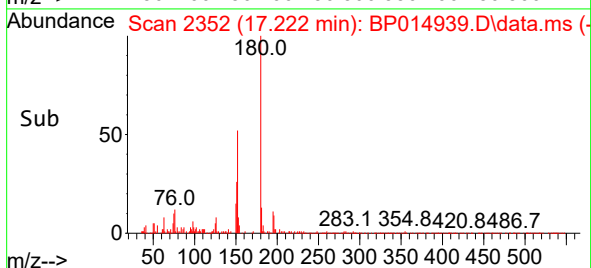
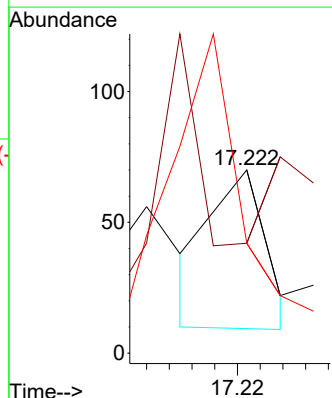
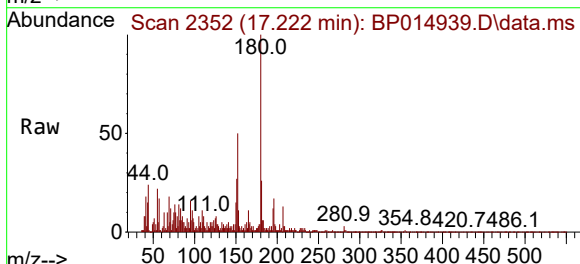
Instrument :
BNA_P
ClientSampleId :
EW919DL

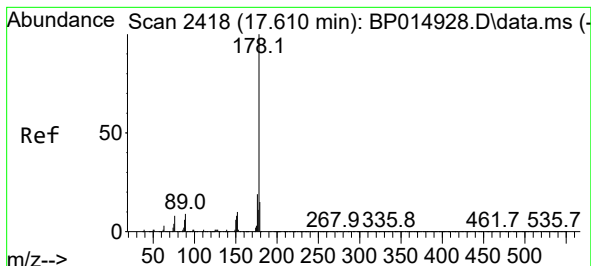
Tgt Ion:200 Resp: 239
Ion Ratio Lower Upper
200 100
173 127.2 21.8 32.6#
215 128.2 39.0 58.4#



#71
Pentachlorophenol
Concen: 0.005 ng/ul
RT: 17.222 min Scan# 2352
Delta R.T. 0.011 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:266 Resp: 41
Ion Ratio Lower Upper
266 100
264 60.0 48.9 73.3
268 60.0 49.6 74.4





#72

Phenanthrene

Concen: 26.820 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

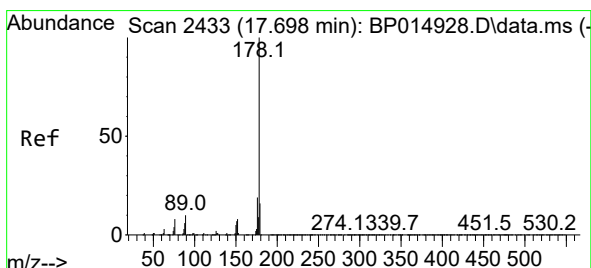
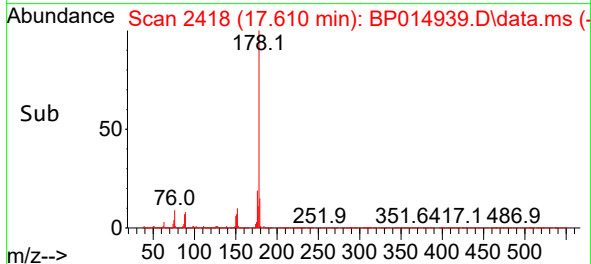
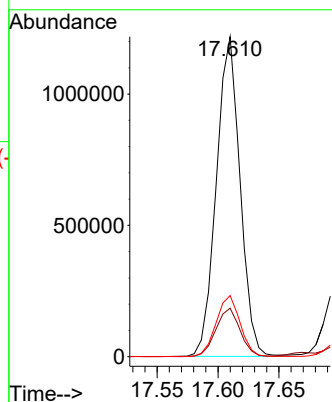
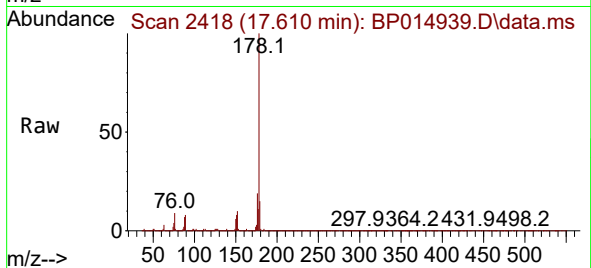
Tgt Ion:178 Resp: 1649649

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.1 15.4 23.0



#74

Anthracene

Concen: 6.452 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

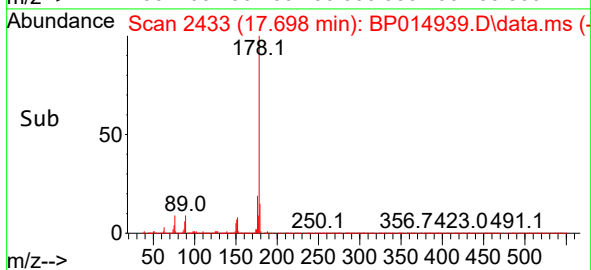
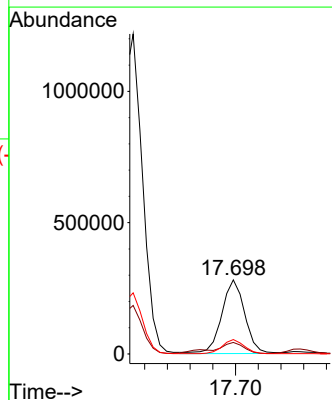
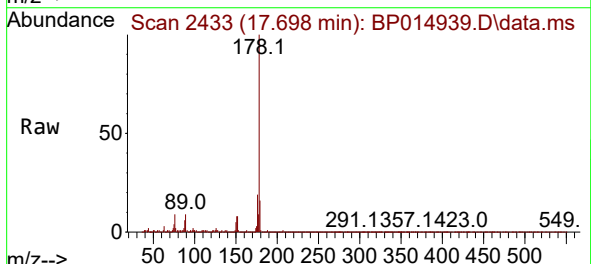
Tgt Ion:178 Resp: 395107

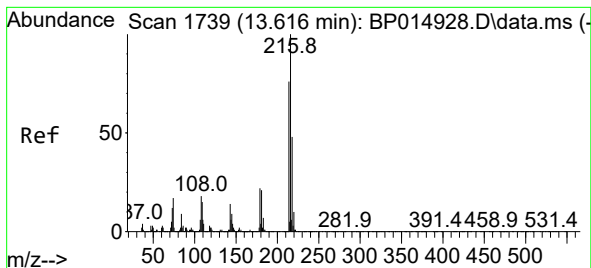
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.4 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 0.007 ng/uL

RT: 13.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

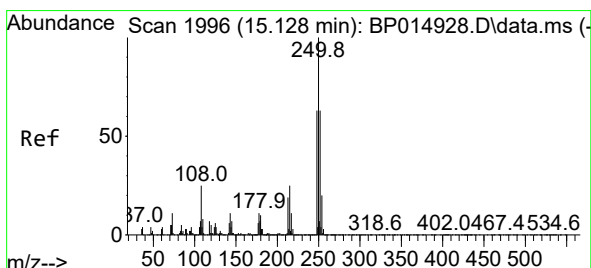
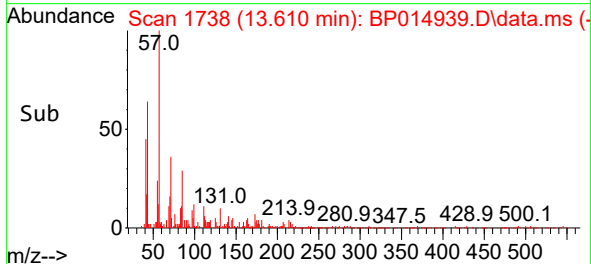
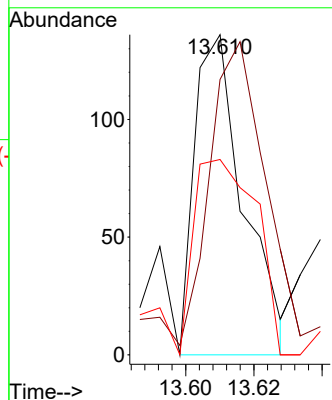
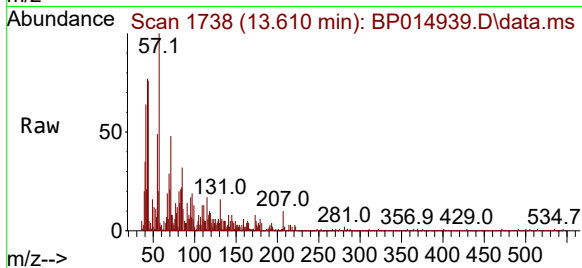
Tgt Ion:216 Resp: 135

Ion Ratio Lower Upper

216 100

214 86.0 60.5 90.7

218 61.0 38.6 58.0#



#76

Pentachlorobenzene

Concen: 0.006 ng/uL

RT: 15.134 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

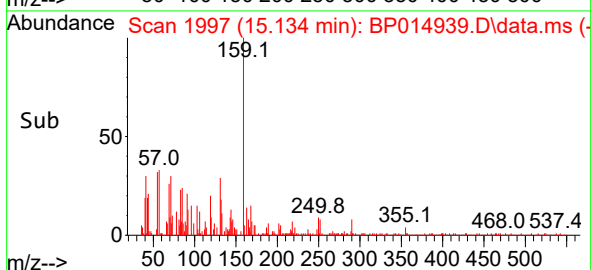
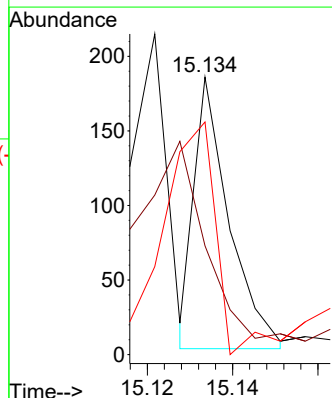
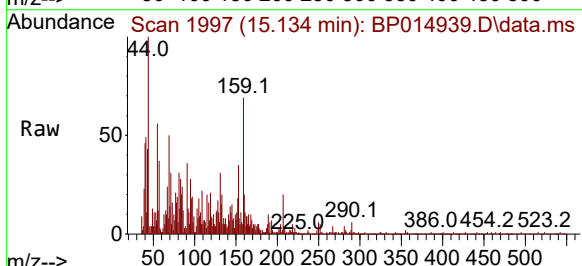
Tgt Ion:250 Resp: 103

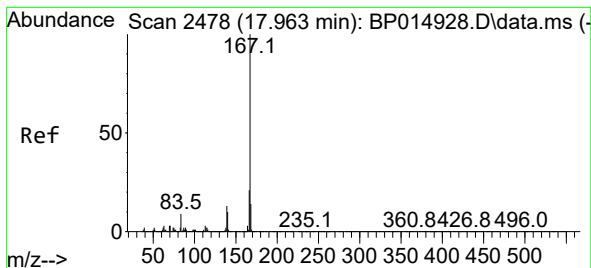
Ion Ratio Lower Upper

250 100

248 44.2 50.5 75.7#

252 78.4 50.5 75.7#





#77

Carbazole

Concen: 2.836 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

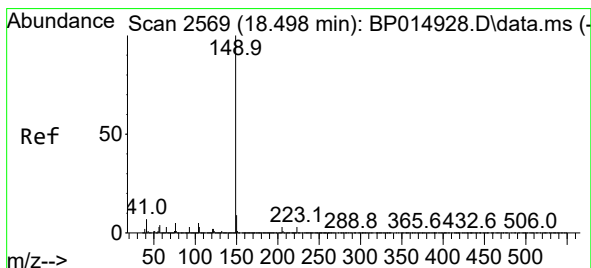
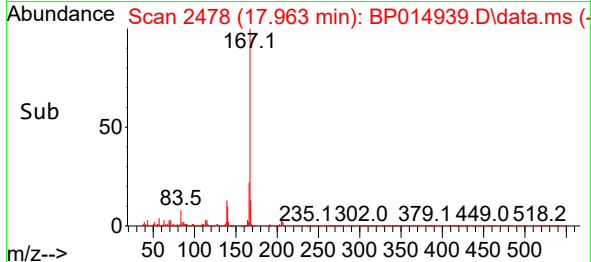
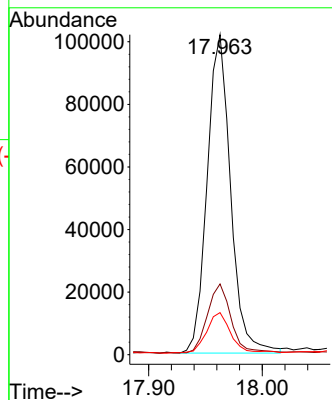
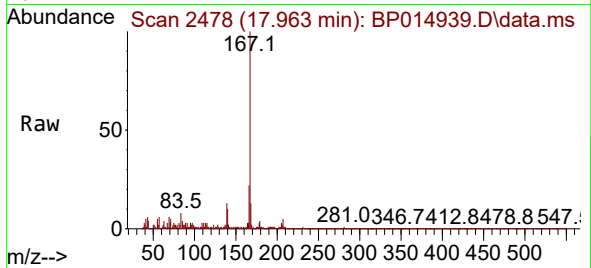
Tgt Ion:167 Resp: 146067

Ion Ratio Lower Upper

167 100

166 22.1 17.1 25.7

139 13.1 10.1 15.1



#78

Di-n-butylphthalate

Concen: 0.117 ng/ul

RT: 18.498 min Scan# 2569

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

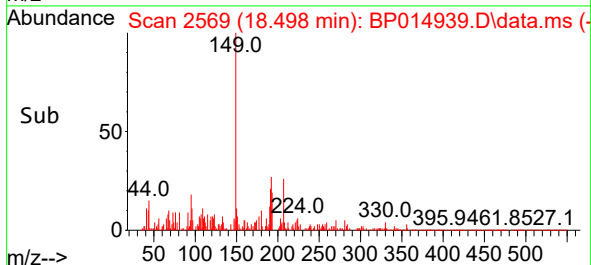
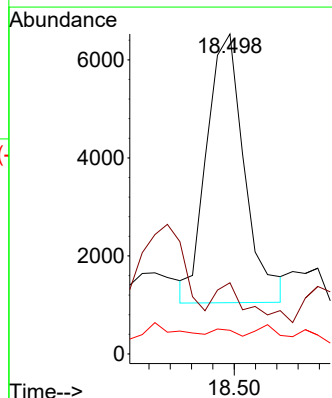
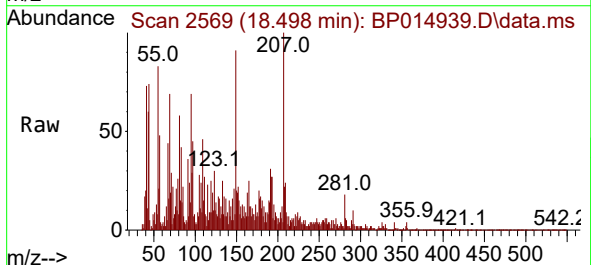
Tgt Ion:149 Resp: 6764

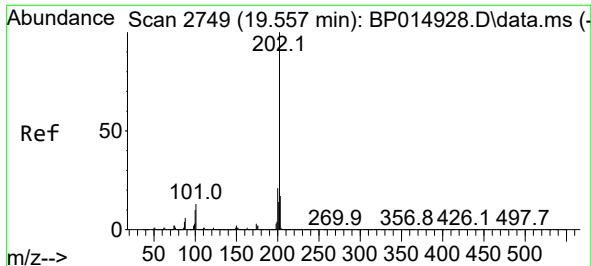
Ion Ratio Lower Upper

149 100

150 22.3 7.4 11.2#

104 7.4 4.1 6.1#

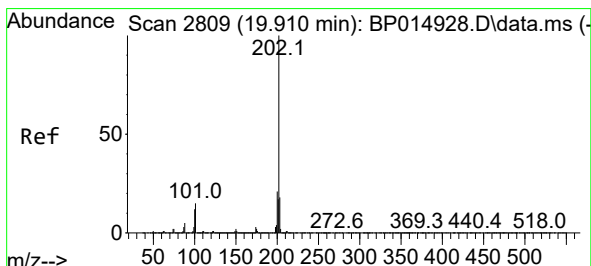
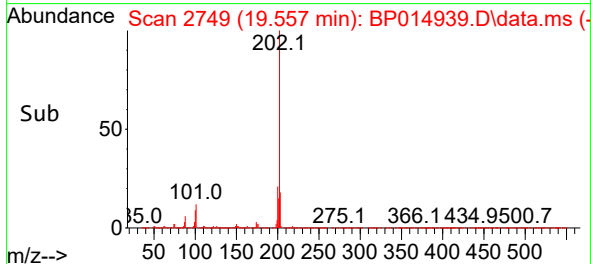
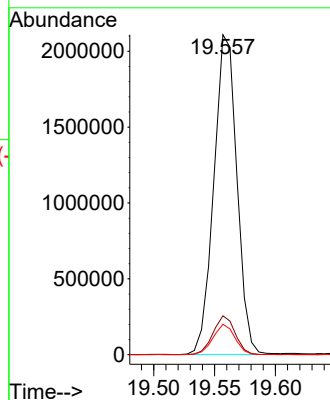
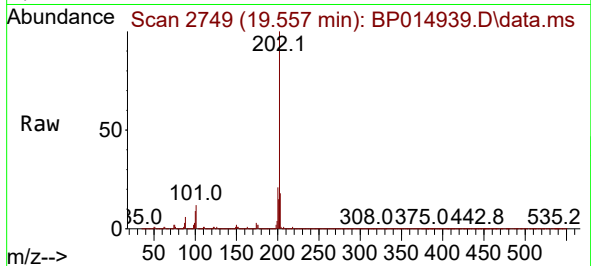




#80
Fluoranthene
Concen: 37.936 ng/ul
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

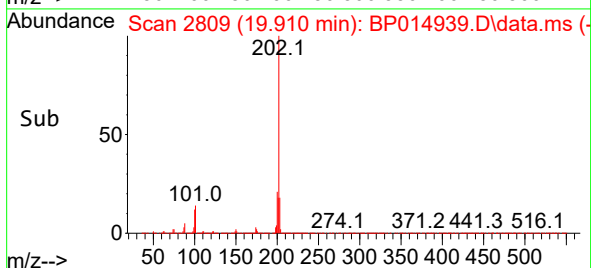
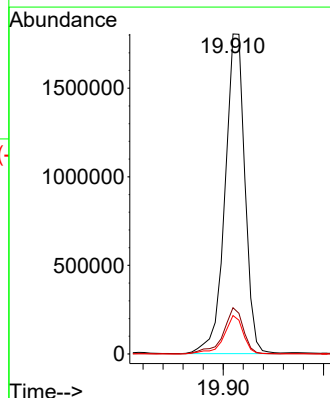
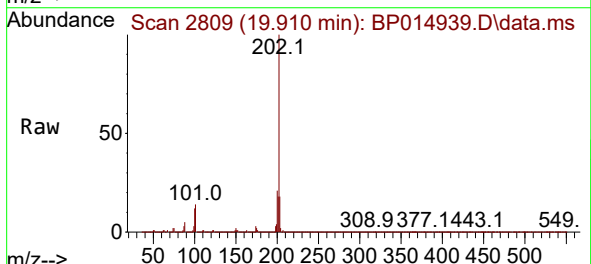
Instrument :
BNA_P
ClientSampleId :
EW919DL

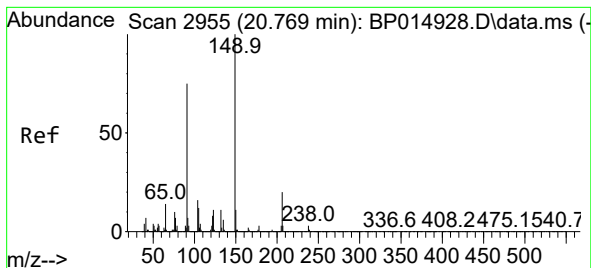
Tgt Ion:202 Resp: 2785271
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.5 7.7 11.5



#82
Pyrene
Concen: 31.902 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:202 Resp: 2481599
Ion Ratio Lower Upper
202 100
101 14.5 11.9 17.9
100 12.0 9.7 14.5





#83

Butylbenzylphthalate

Concen: 0.121 ng/ul

RT: 20.763 min Scan# 2955

Delta R.T. -0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

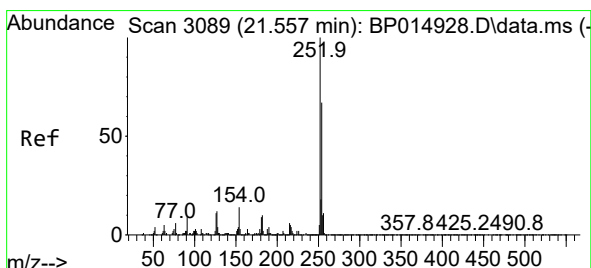
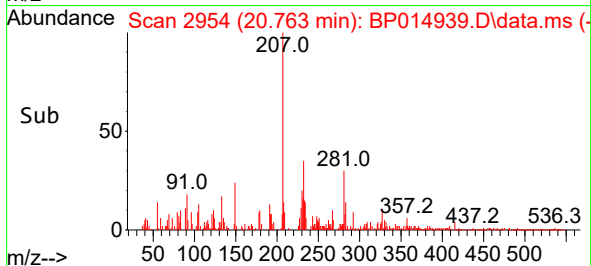
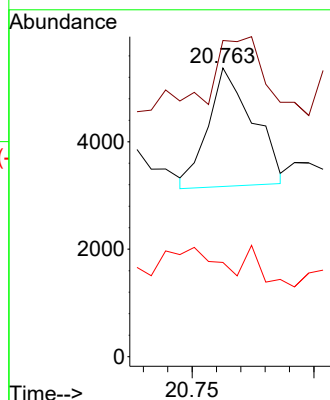
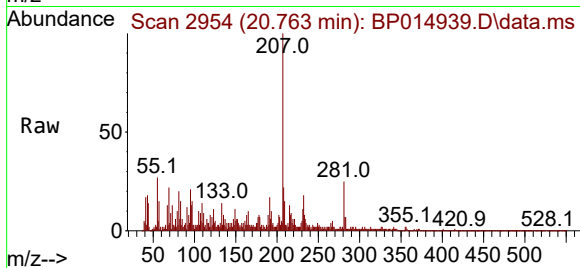
Tgt Ion:149 Resp: 2822

Ion Ratio Lower Upper

149 100

91 109.6 60.1 90.1#

206 32.7 16.0 24.0#



#84

3,3'-Dichlorobenzidine

Concen: 0.030 ng/ul

RT: 21.545 min Scan# 3087

Delta R.T. -0.012 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

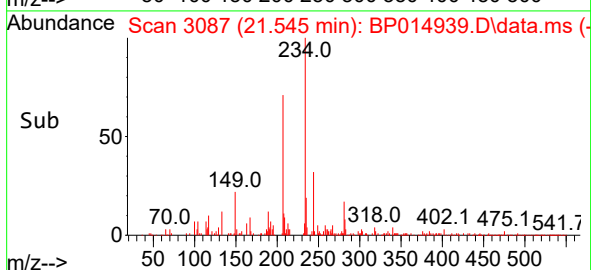
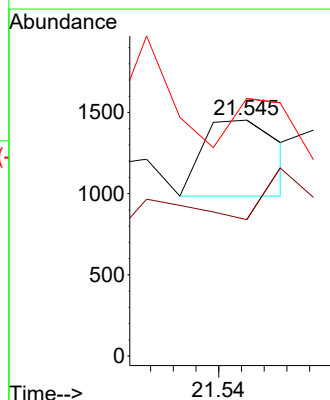
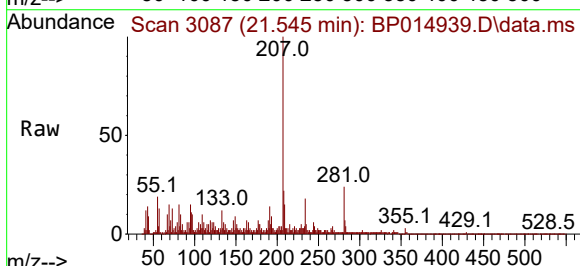
Tgt Ion:252 Resp: 442

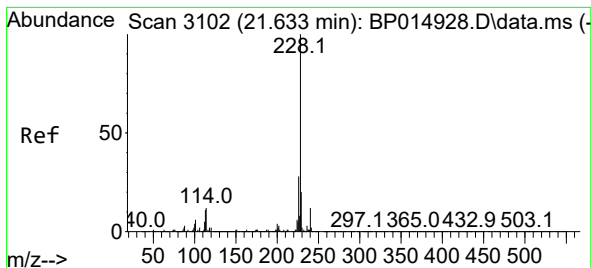
Ion Ratio Lower Upper

252 100

254 57.8 53.3 79.9

126 109.2 9.0 13.6#





#85

Benzo(a)anthracene

Concen: 21.522 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

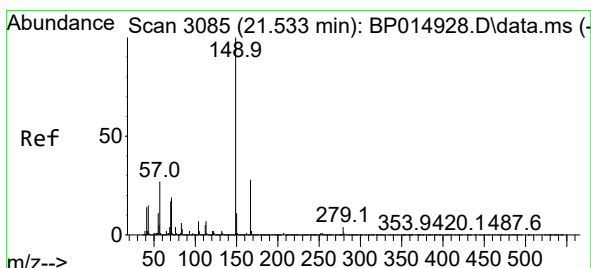
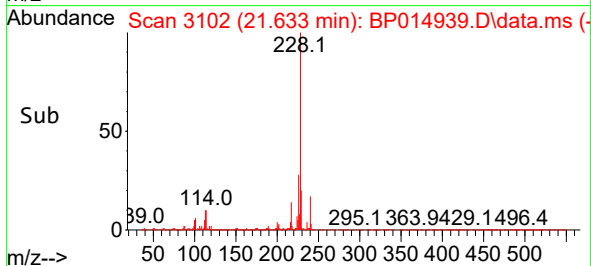
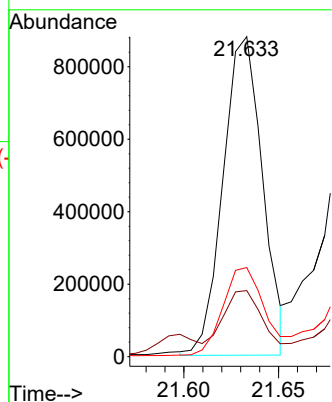
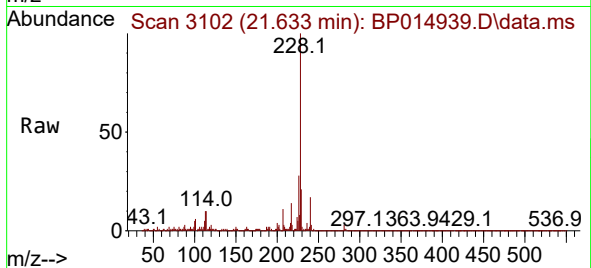
Tgt Ion:228 Resp: 1274405

Ion Ratio Lower Upper

228 100

229 20.6 15.9 23.9

226 27.8 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 0.636 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

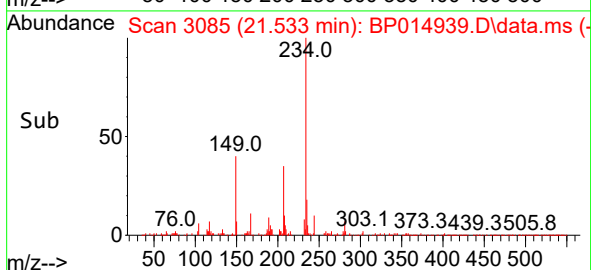
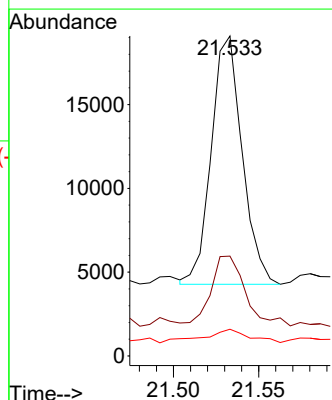
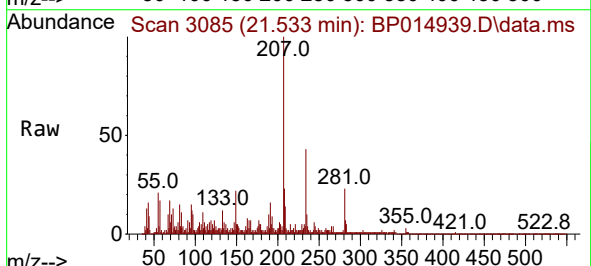
Tgt Ion:149 Resp: 18701

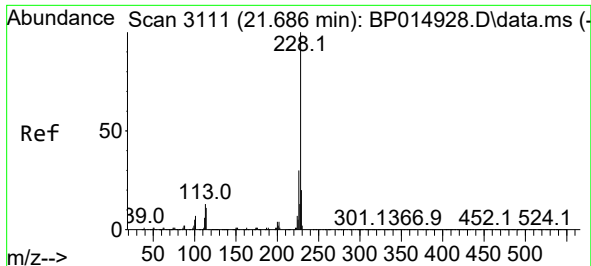
Ion Ratio Lower Upper

149 100

167 31.2 22.0 33.0

279 8.3 2.9 4.3#

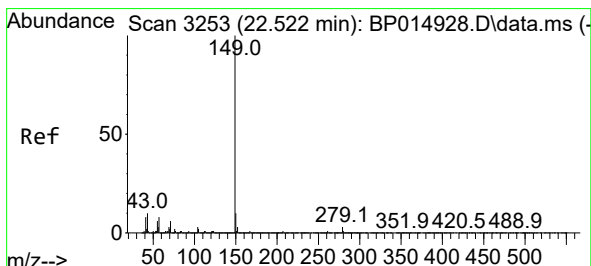
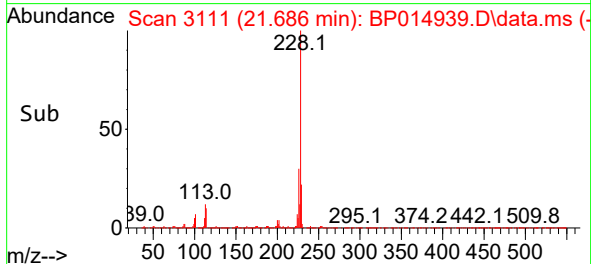
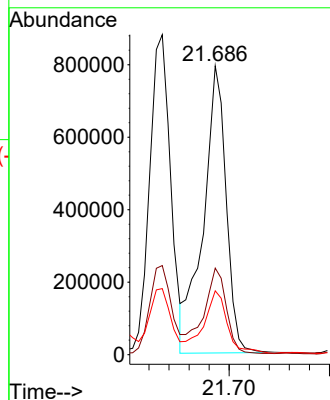
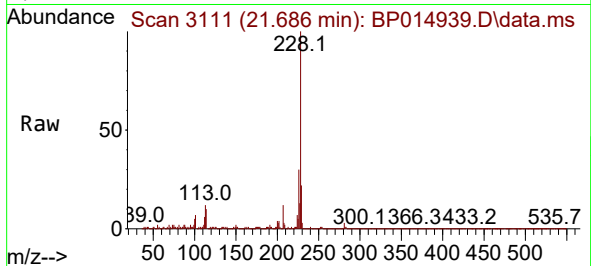




#87
Chrysene
Concen: 21.041 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

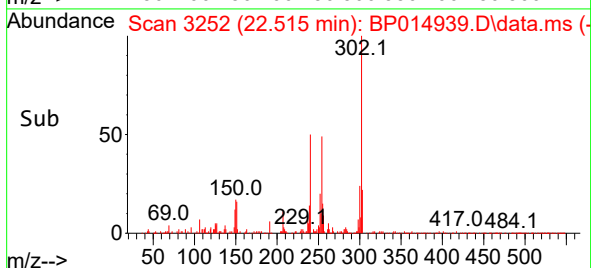
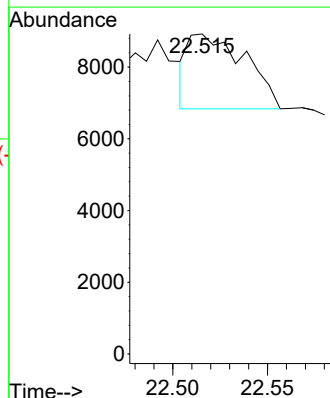
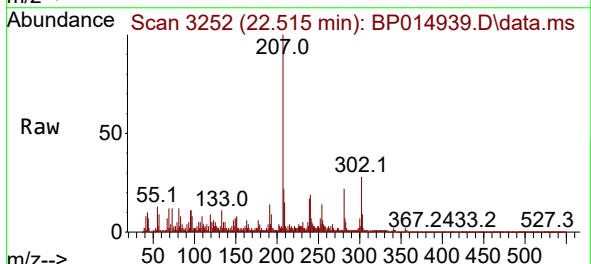
Instrument :
BNA_P
ClientSampleId :
EW919DL

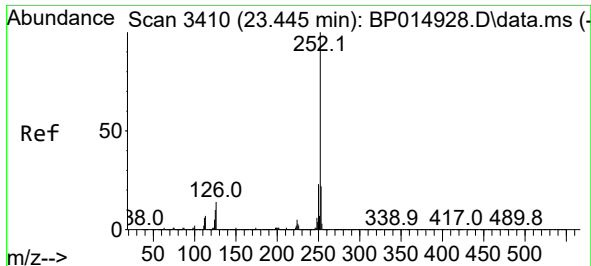
Tgt Ion:228 Resp: 1254539
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.1 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 0.066 ng/ul
RT: 22.515 min Scan# 3252
Delta R.T. -0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:149 Resp: 4367

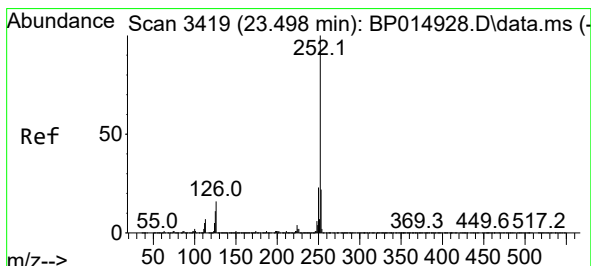
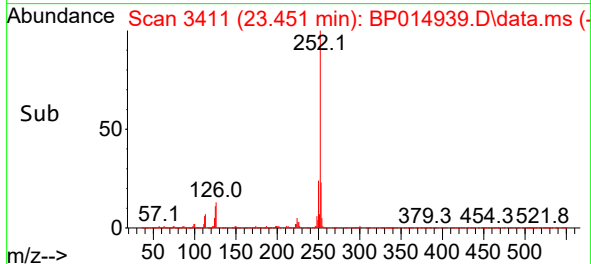
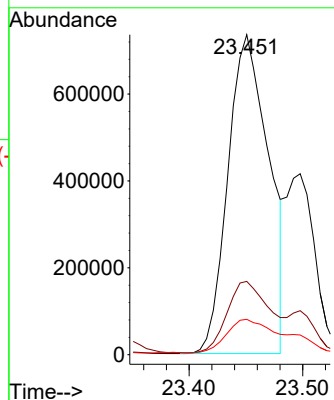
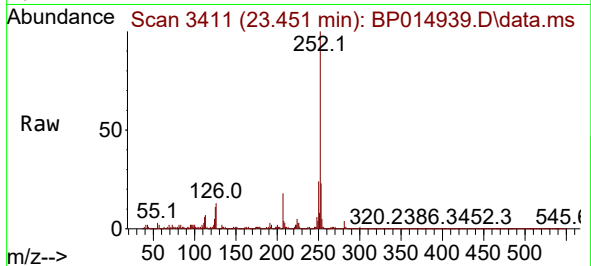




#90
Benzo(b)fluoranthene
Concen: 24.905 ng/ul
RT: 23.451 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

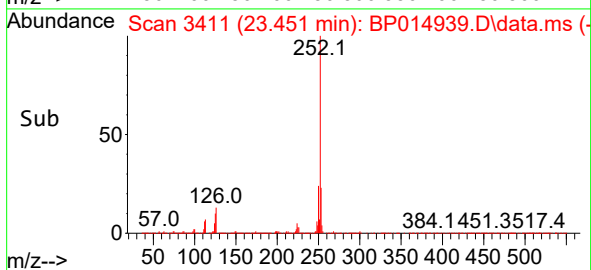
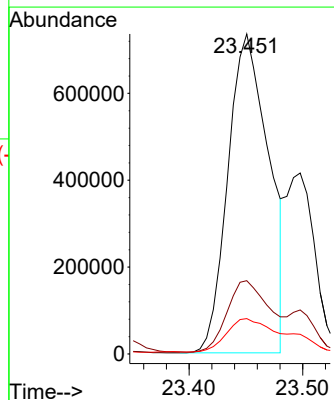
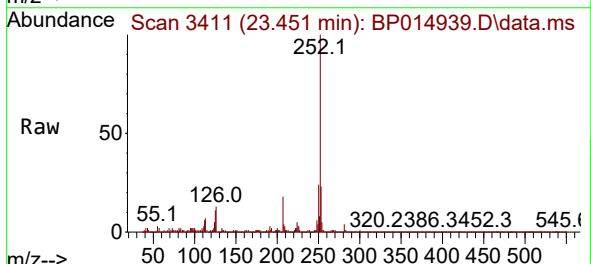
Instrument :
BNA_P
ClientSampleId :
EW919DL

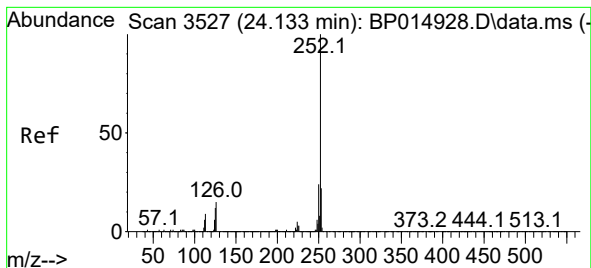
Tgt Ion:252 Resp: 1834161
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 11.0 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 24.471 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. -0.047 min
Lab File: BP014939.D
Acq: 03 May 2023 20:17

Tgt Ion:252 Resp: 1834161
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 21.612 ng/ul

RT: 24.133 min Scan# 3527

Delta R.T. -0.000 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

Instrument :

BNA_P

ClientSampleId :

EW919DL

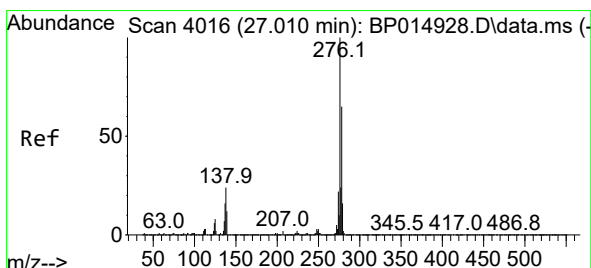
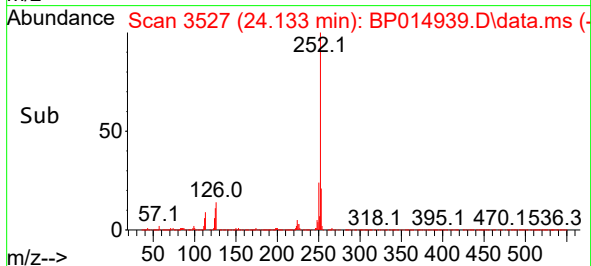
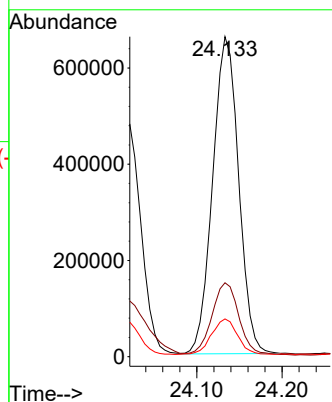
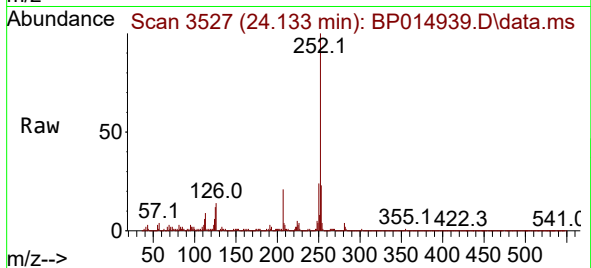
Tgt Ion:252 Resp: 1395859

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.8 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.359 ng/ul

RT: 27.003 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP014939.D

Acq: 03 May 2023 20:17

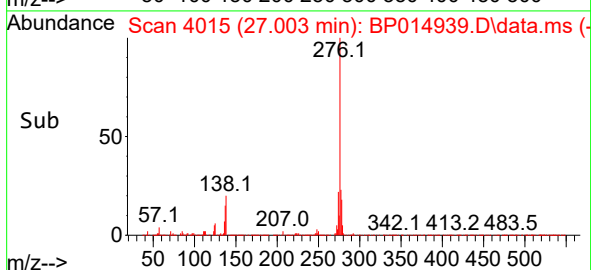
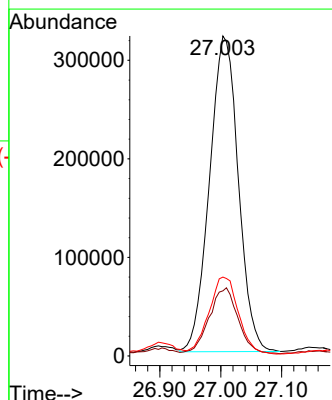
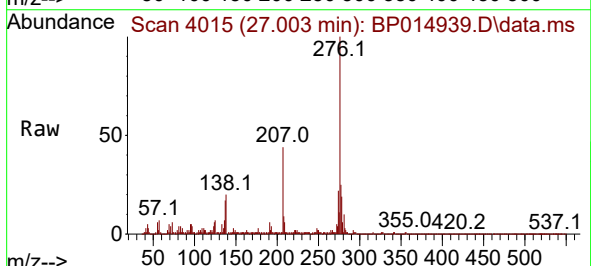
Tgt Ion:276 Resp: 1052465

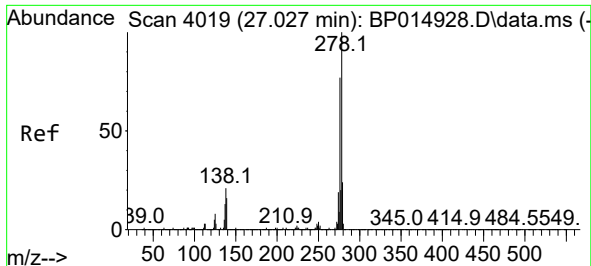
Ion Ratio Lower Upper

276 100

138 20.3 19.4 29.0

277 24.7 19.4 29.2

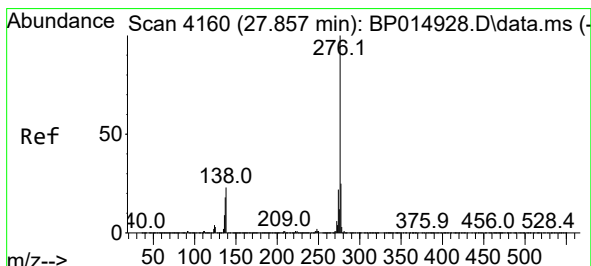
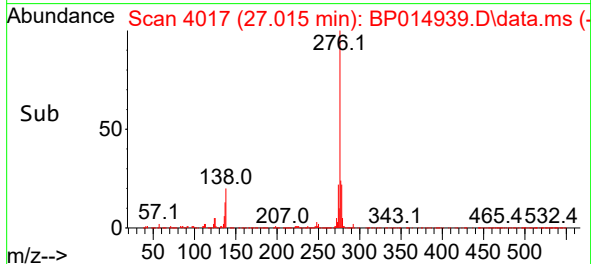
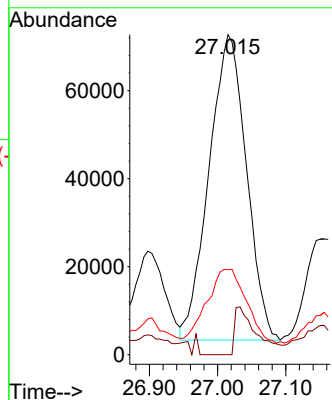
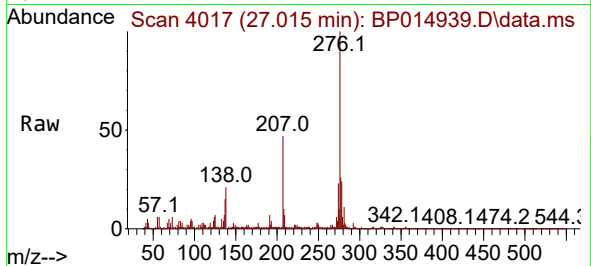




#95
 Dibenzo(a,h)anthracene
 Concen: 4.098 ng/ul
 RT: 27.015 min Scan# 4019
 Delta R.T. -0.012 min
 Lab File: BP014939.D
 Acq: 03 May 2023 20:17

Instrument :
 BNA_P
 ClientSampleId :
 EW919DL

Tgt Ion:278 Resp: 264593
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.9 19.3#
 279 26.5 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 14.614 ng/ul
 RT: 27.862 min Scan# 4161
 Delta R.T. 0.006 min
 Lab File: BP014939.D
 Acq: 03 May 2023 20:17

Tgt Ion:276 Resp: 979938
 Ion Ratio Lower Upper
 276 100
 138 21.0 18.0 27.0
 277 25.0 19.8 29.8

