

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP013974.D
 Acq On : 08 Mar 2023 13:11
 Operator : CG/JU
 Sample : 01746-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAF5

Quant Time: Mar 09 01:12:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

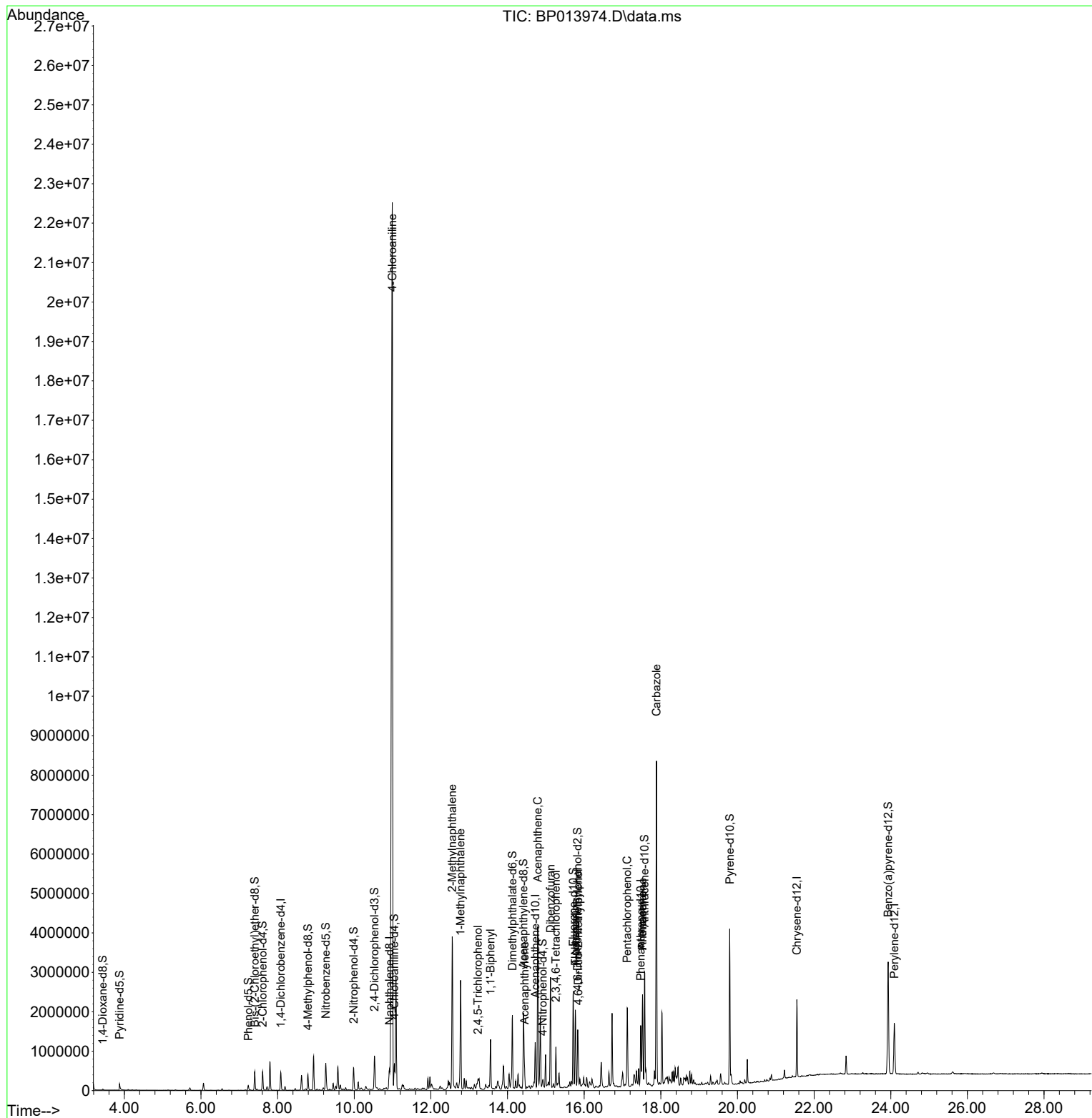
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	119228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	513159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	358222	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	862622	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	951843	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	1073001	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	14463	4.583	ng/uL	0.00
4) Pyridine-d5	3.876	84	100343	11.485	ng/u1	0.00
7) Phenol-d5	7.234	99	67695	6.434	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	205449	33.481	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	202861	25.306	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	140813	16.384	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	142090	34.703	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	161390	32.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	283017	30.689	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	282513	23.148	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1157598	38.077	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1154477	35.847	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	36393	6.793	ng/u1	0.00
60) Fluorene-d10	15.716	176	942384	36.576	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	292038	44.793	ng/u1	0.00
73) Anthracene-d10	17.575	188	1616311	38.597	ng/u1	0.00
81) Pyrene-d10	19.798	212	2080992	39.640	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	2240606	39.257	ng/u1	0.00
Target Compounds						
					Qvalue	
32) 4-Chloroaniline	10.993	127	3519994	286.621	ng/u1#	13
36) 2-Methylnaphthalene	12.557	142	1720057	87.026	ng/u1	100
37) 1-Methylnaphthalene	12.775	142	1122638	56.511	ng/u1	100
42) 2,4,5-Trichlorophenol	13.228	196	49244	5.514	ng/u1	96
43) 1,1'-Biphenyl	13.557	154	610555	22.138	ng/u1	100
50) Acenaphthylene	14.446	152	189992	5.621	ng/u1#	95
52) Acenaphthene	14.787	153	1679477	71.081	ng/u1	100
56) Dibenzofuran	15.122	168	1674237	48.707	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	215330	25.203	ng/u1	92
61) Fluorene	15.769	166	855897	30.039	ng/u1	99
63) 4-Nitroaniline	15.769	138	10790	1.993	ng/u1#	17
66) 4,6-Dinitro-2-methylph...	15.845	198	182975	29.417	ng/u1#	61
71) Pentachlorophenol	17.122	266	262735	32.708	ng/u1	97
72) Phenanthrene	17.522	178	1117210	23.745	ng/u1	100
74) Anthracene	17.522	178	1117210	23.419	ng/u1	99
77) Carbazole	17.887	167	5213029	123.886	ng/u1	99

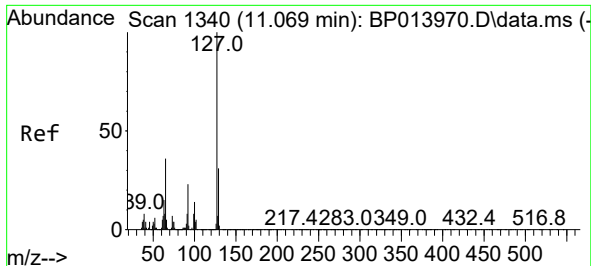
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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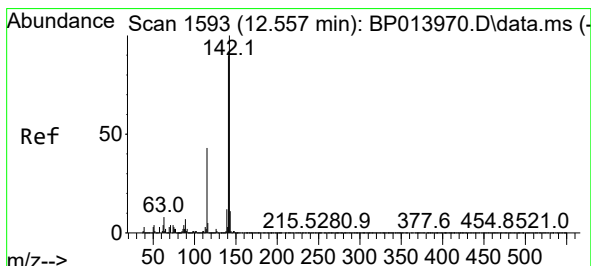
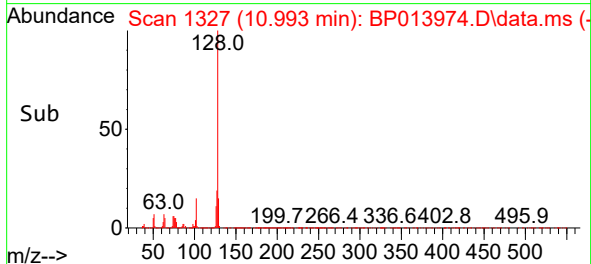
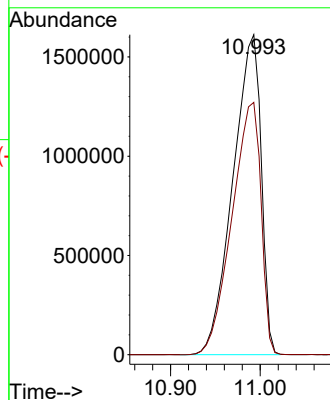
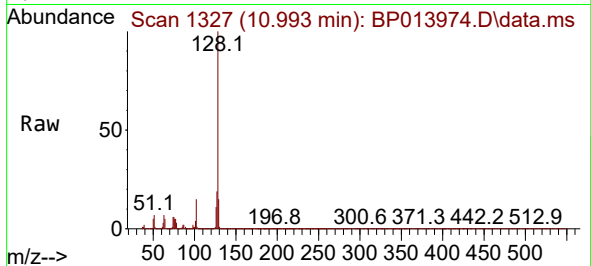




#32
4-Chloroaniline
Concen: 286.621 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. -0.076 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

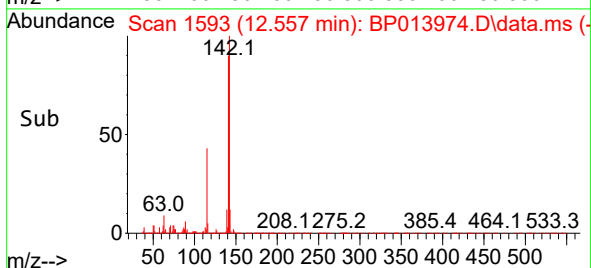
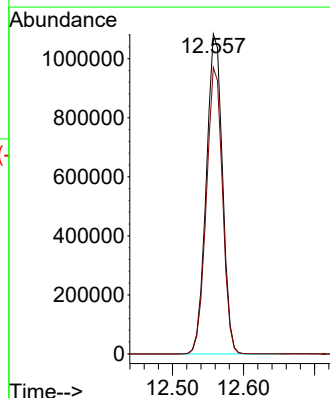
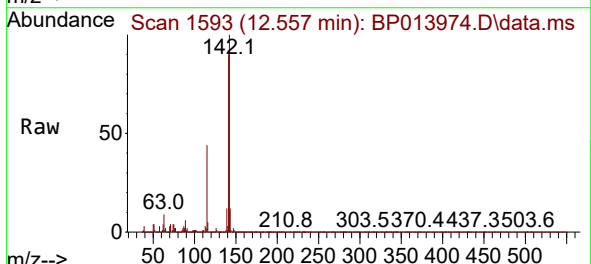
Instrument :
BNA_P
ClientSampleId :
DCAF5

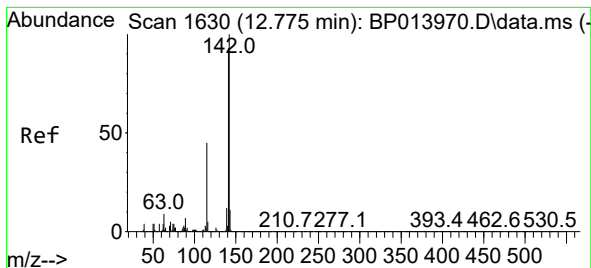
Tgt Ion:127 Resp: 3519994
Ion Ratio Lower Upper
127 100
129 78.9 24.9 37.3#



#36
2-Methylnaphthalene
Concen: 87.026 ng/ul
RT: 12.557 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

Tgt Ion:142 Resp: 1720057
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5





#37

1-Methylnaphthalene

Concen: 56.511 ng/ul

RT: 12.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013974.D

Acq: 08 Mar 2023 13:11

Instrument :

BNA_P

ClientSampleId :

DCAF5

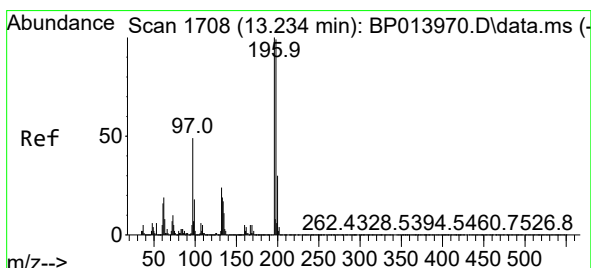
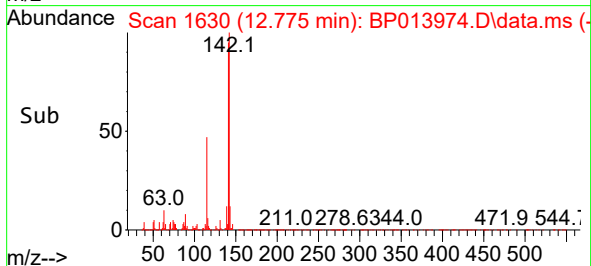
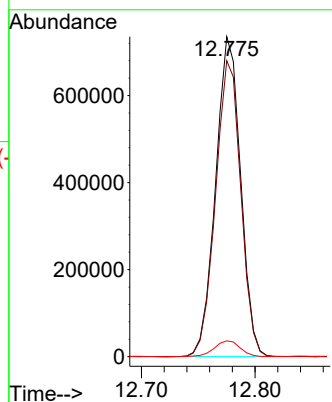
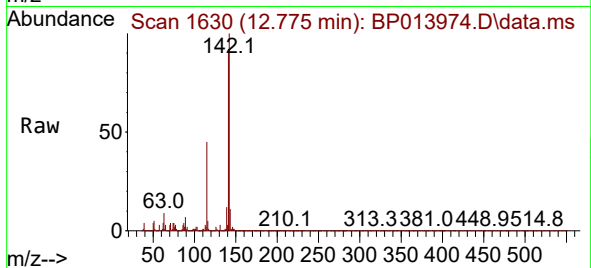
Tgt Ion:142 Resp: 1122638

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

116 5.0 3.7 5.5



#42

2,4,5-Trichlorophenol

Concen: 5.514 ng/ul

RT: 13.228 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP013974.D

Acq: 08 Mar 2023 13:11

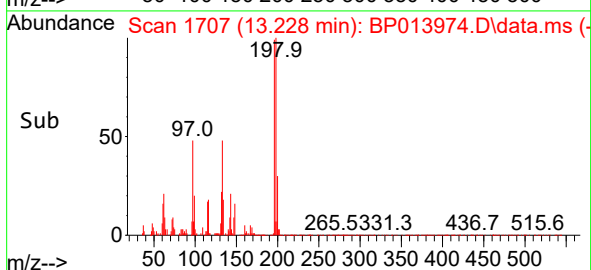
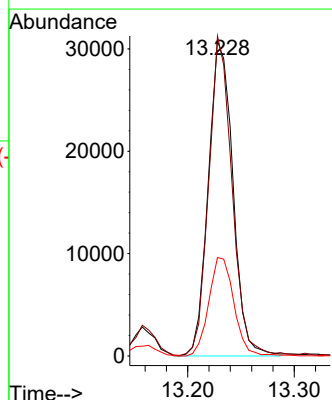
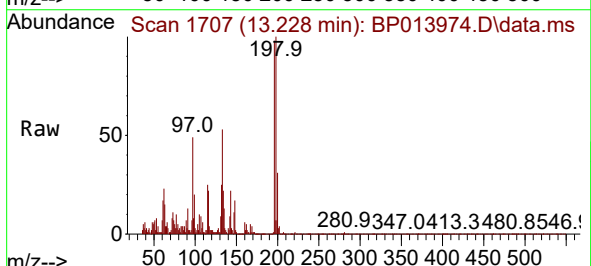
Tgt Ion:196 Resp: 49244

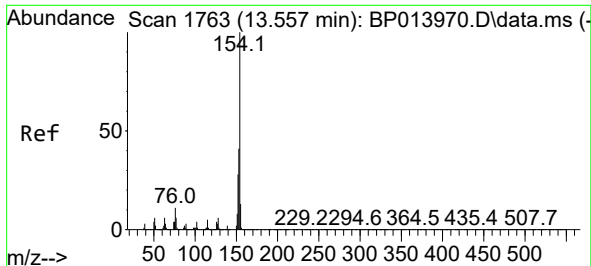
Ion Ratio Lower Upper

196 100

198 101.6 77.6 116.4

200 31.2 25.3 37.9

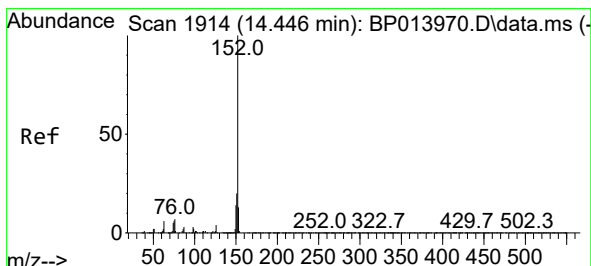
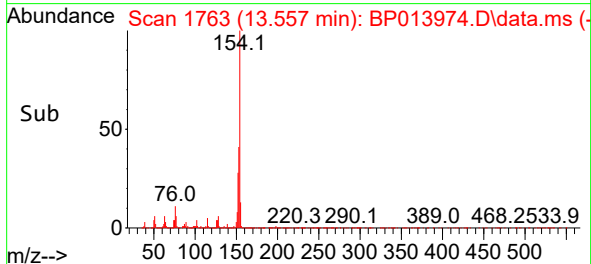
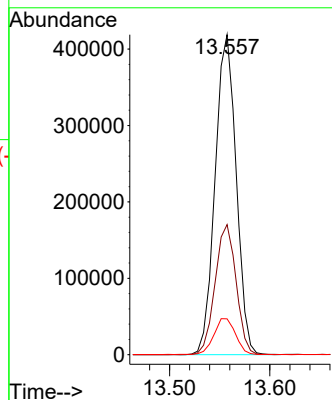
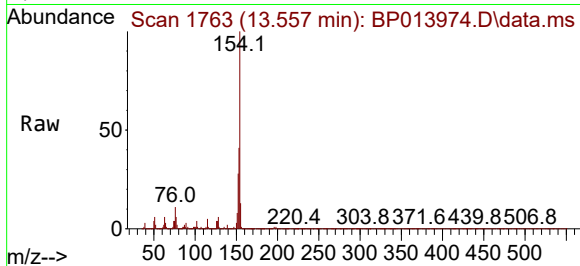




#43
1,1'-Biphenyl
Concen: 22.138 ng/ul
RT: 13.557 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

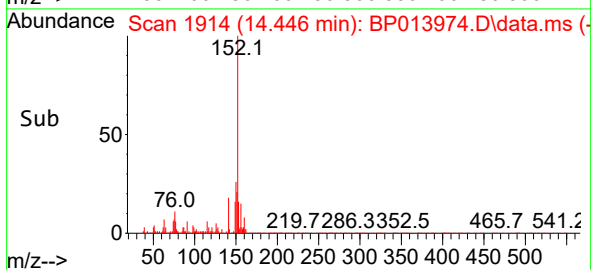
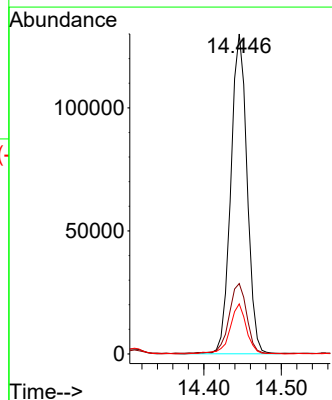
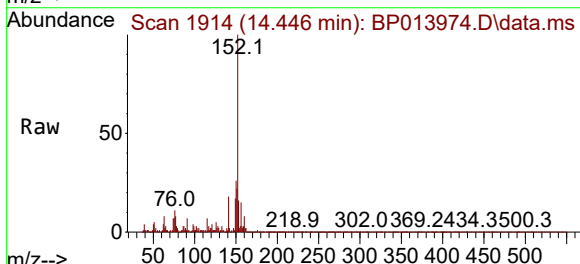
Instrument :
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DCAF5

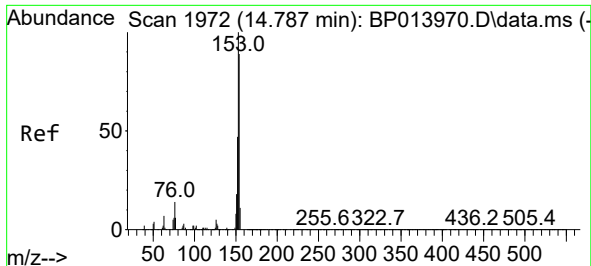
Tgt Ion:154 Resp: 610555
Ion Ratio Lower Upper
154 100
153 40.7 32.6 49.0
76 11.2 9.4 14.0



#50
Acenaphthylene
Concen: 5.621 ng/ul
RT: 14.446 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

Tgt Ion:152 Resp: 189992
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 15.7 10.4 15.6#

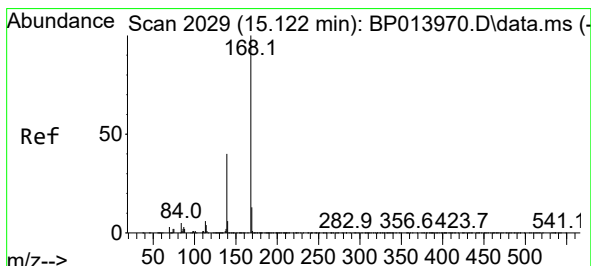
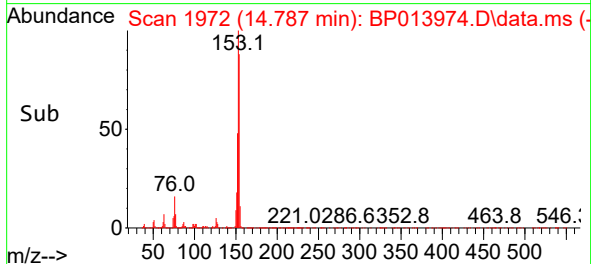
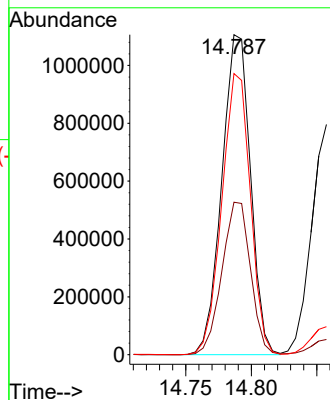
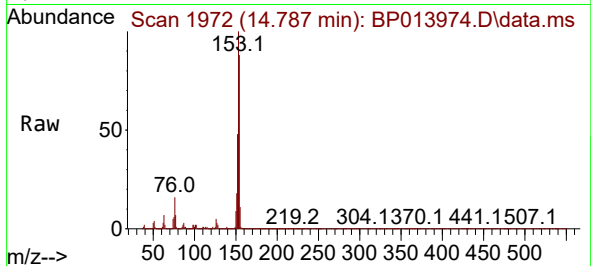




#52
Acenaphthene
Concen: 71.081 ng/ul
RT: 14.787 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

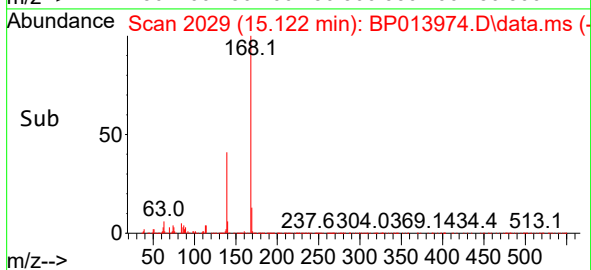
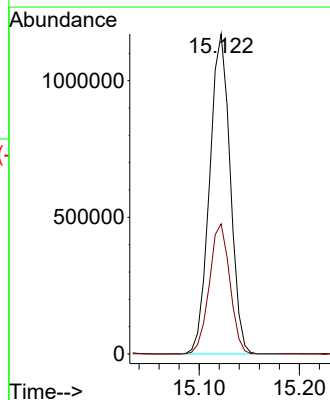
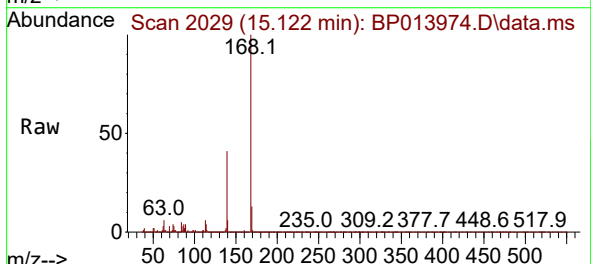
Instrument :
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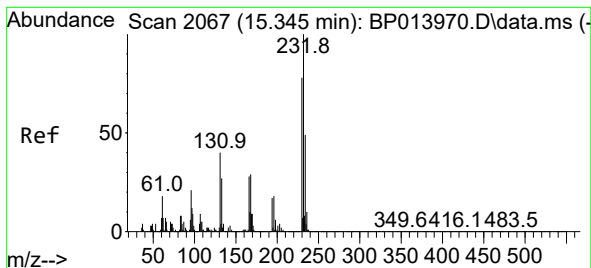
Tgt Ion:153 Resp: 1679477
Ion Ratio Lower Upper
153 100
152 47.7 37.7 56.5
154 87.8 70.4 105.6



#56
Dibenzofuran
Concen: 48.707 ng/ul
RT: 15.122 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

Tgt Ion:168 Resp: 1674237
Ion Ratio Lower Upper
168 100
139 40.7 31.8 47.6

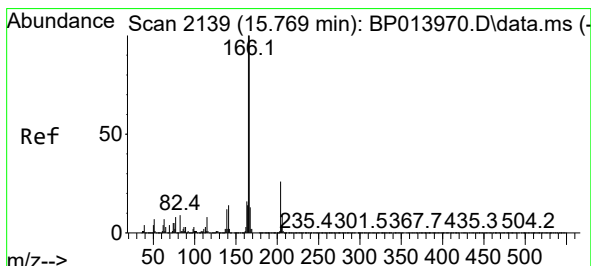
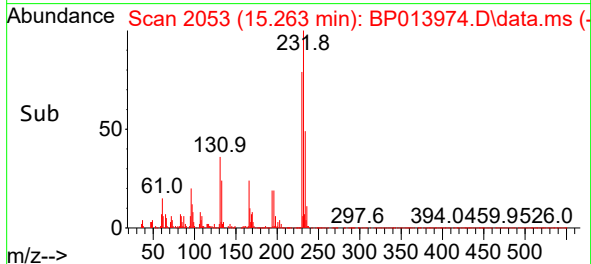
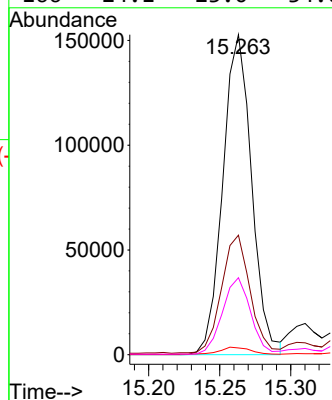
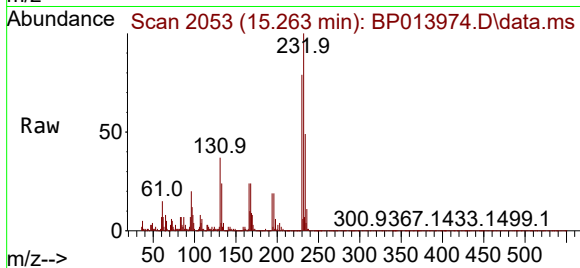




#58
2,3,4,6-Tetrachlorophenol
Concen: 25.203 ng/ul
RT: 15.263 min Scan# 2067
Delta R.T. -0.082 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

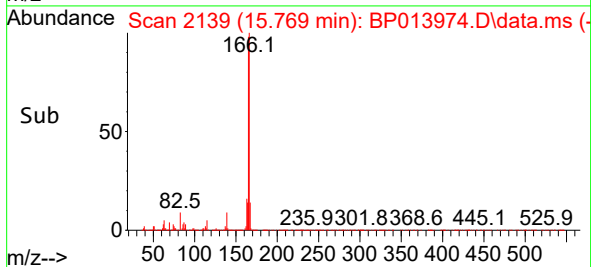
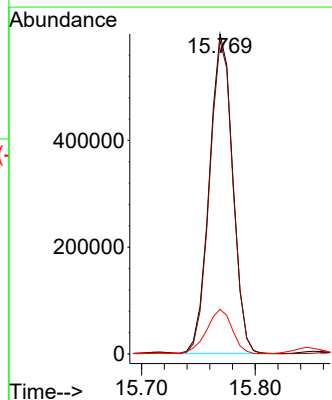
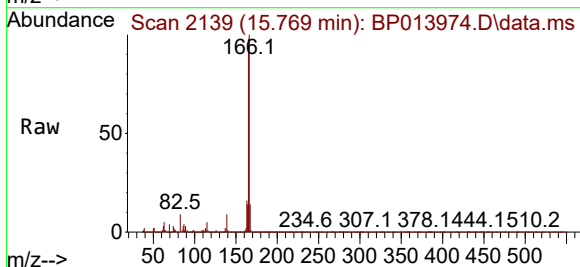
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ClientSampleId :
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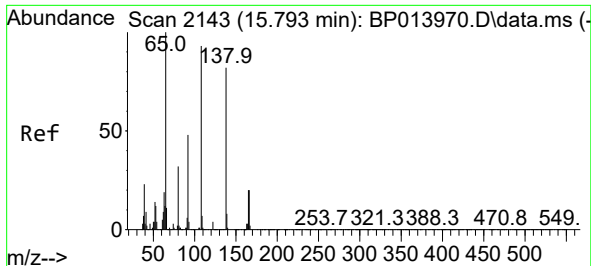
Tgt Ion:232	Resp:	215330
Ion Ratio	Lower	Upper
232	100	
131	37.4	34.1 51.1
130	2.1	2.1 3.1
166	24.1	23.0 34.6



#61
Fluorene
Concen: 30.039 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

Tgt Ion:166	Resp:	855897
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.9 118.3
167	14.0	11.0 16.6

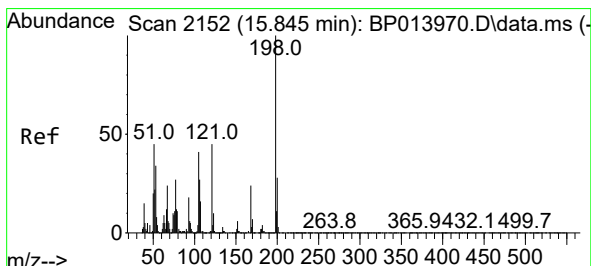
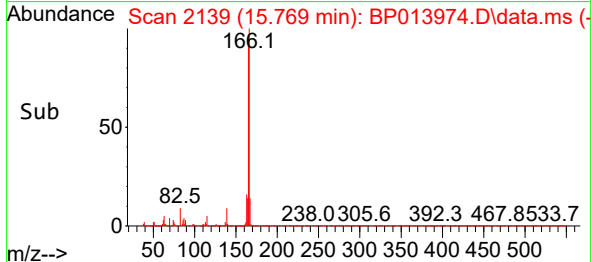
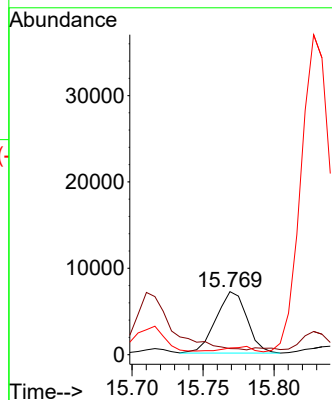
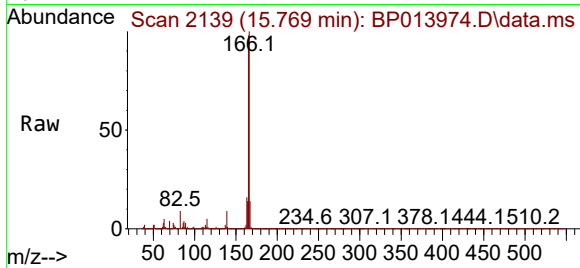




#63
4-Nitroaniline
Concen: 1.993 ng/ul
RT: 15.769 min Scan# 2143
Delta R.T. -0.024 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

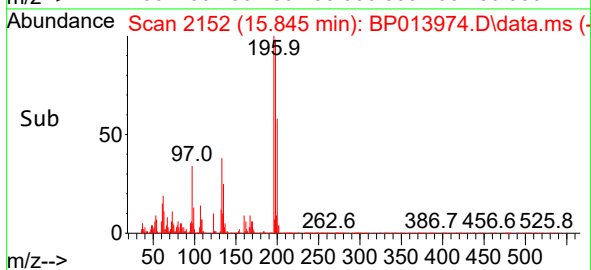
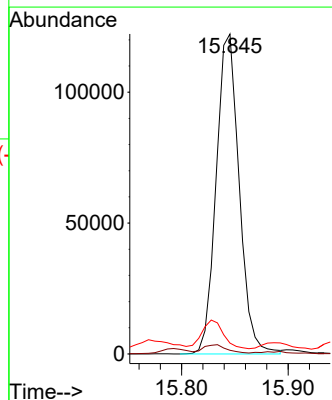
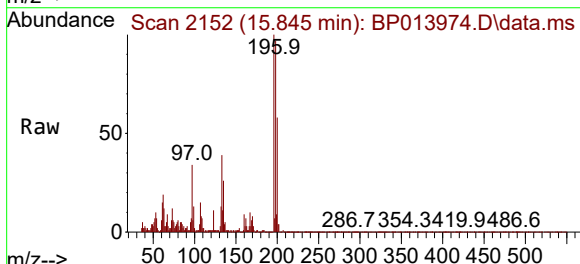
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DCAF5

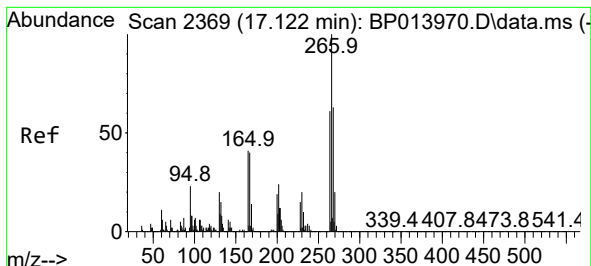
Tgt Ion:138 Resp: 10790
Ion Ratio Lower Upper
138 100
92 9.7 44.5 66.7#
108 10.8 87.2 130.8#



#66
4,6-Dinitro-2-methylphenol
Concen: 29.417 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

Tgt Ion:198 Resp: 182975
Ion Ratio Lower Upper
198 100
182 1.1 3.0 4.6#
77 3.4 20.3 30.5#

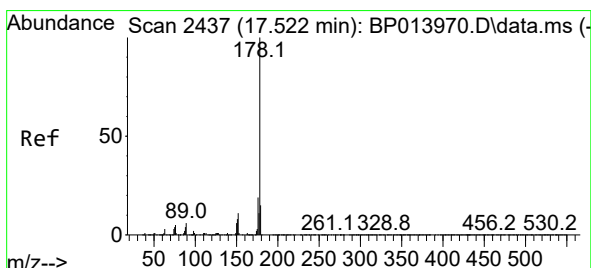
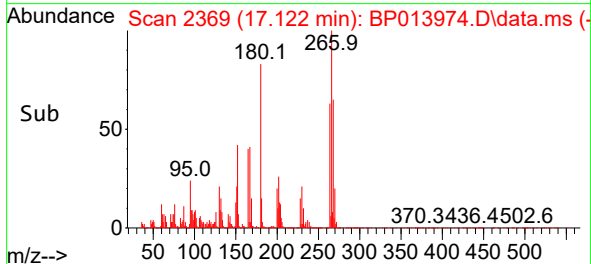
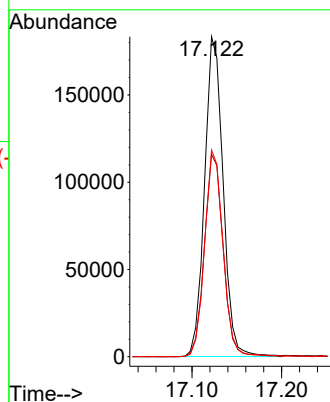
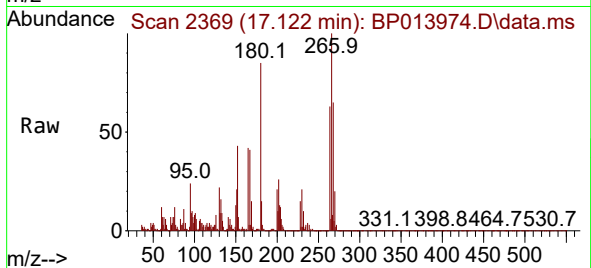




#71
Pentachlorophenol
Concen: 32.708 ng/ul
RT: 17.122 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

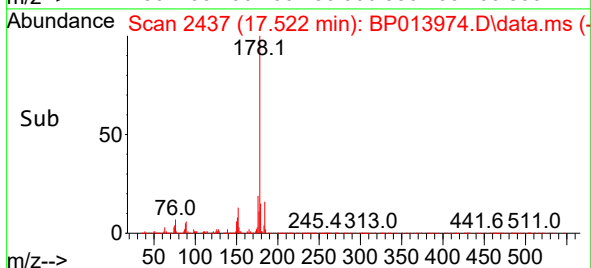
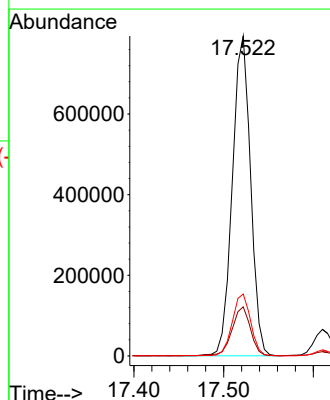
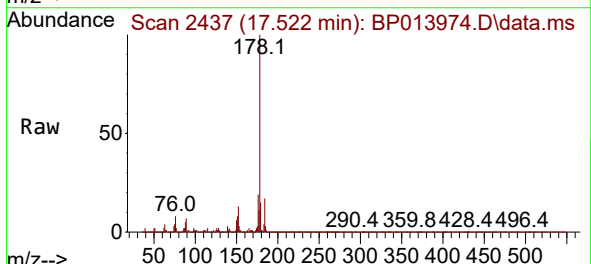
Instrument :
BNA_P
ClientSampleId :
DCAF5

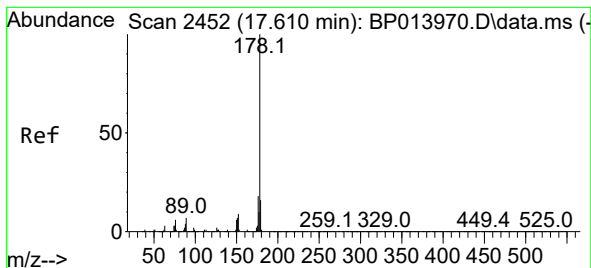
Tgt Ion:266 Resp: 262735
Ion Ratio Lower Upper
266 100
264 63.3 48.4 72.6
268 64.6 50.4 75.6



#72
Phenanthrene
Concen: 23.745 ng/ul
RT: 17.522 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP013974.D
Acq: 08 Mar 2023 13:11

Tgt Ion:178 Resp: 1117210
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.3 15.4 23.0





#74

Anthracene

Concen: 23.419 ng/ul

RT: 17.522 min Scan# 2452

Delta R.T. -0.088 min

Lab File: BP013974.D

Acq: 08 Mar 2023 13:11

Instrument :

BNA_P

ClientSampleId :

DCAF5

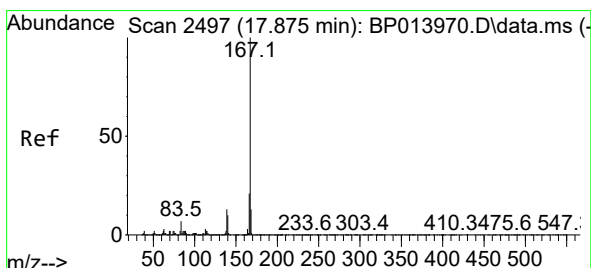
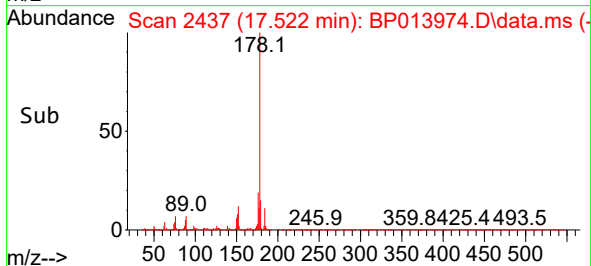
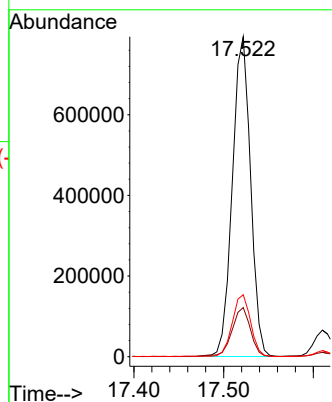
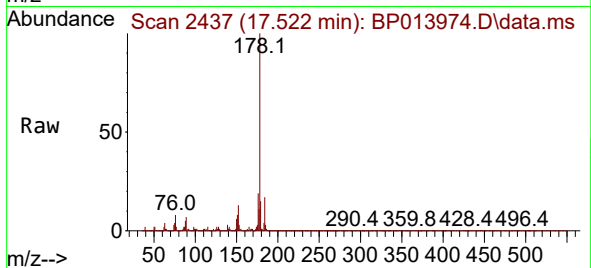
Tgt Ion:178 Resp: 1117210

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.3 15.1 22.7



#77

Carbazole

Concen: 123.886 ng/ul

RT: 17.887 min Scan# 2499

Delta R.T. 0.012 min

Lab File: BP013974.D

Acq: 08 Mar 2023 13:11

Tgt Ion:167 Resp: 5213029

Ion Ratio Lower Upper

167 100

166 22.3 17.5 26.3

139 13.7 10.5 15.7

