

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038880.D
 Acq On : 06 Mar 2023 20:27
 Operator : CG/JU
 Sample : 01746-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE4

Quant Time: Mar 07 00:00:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

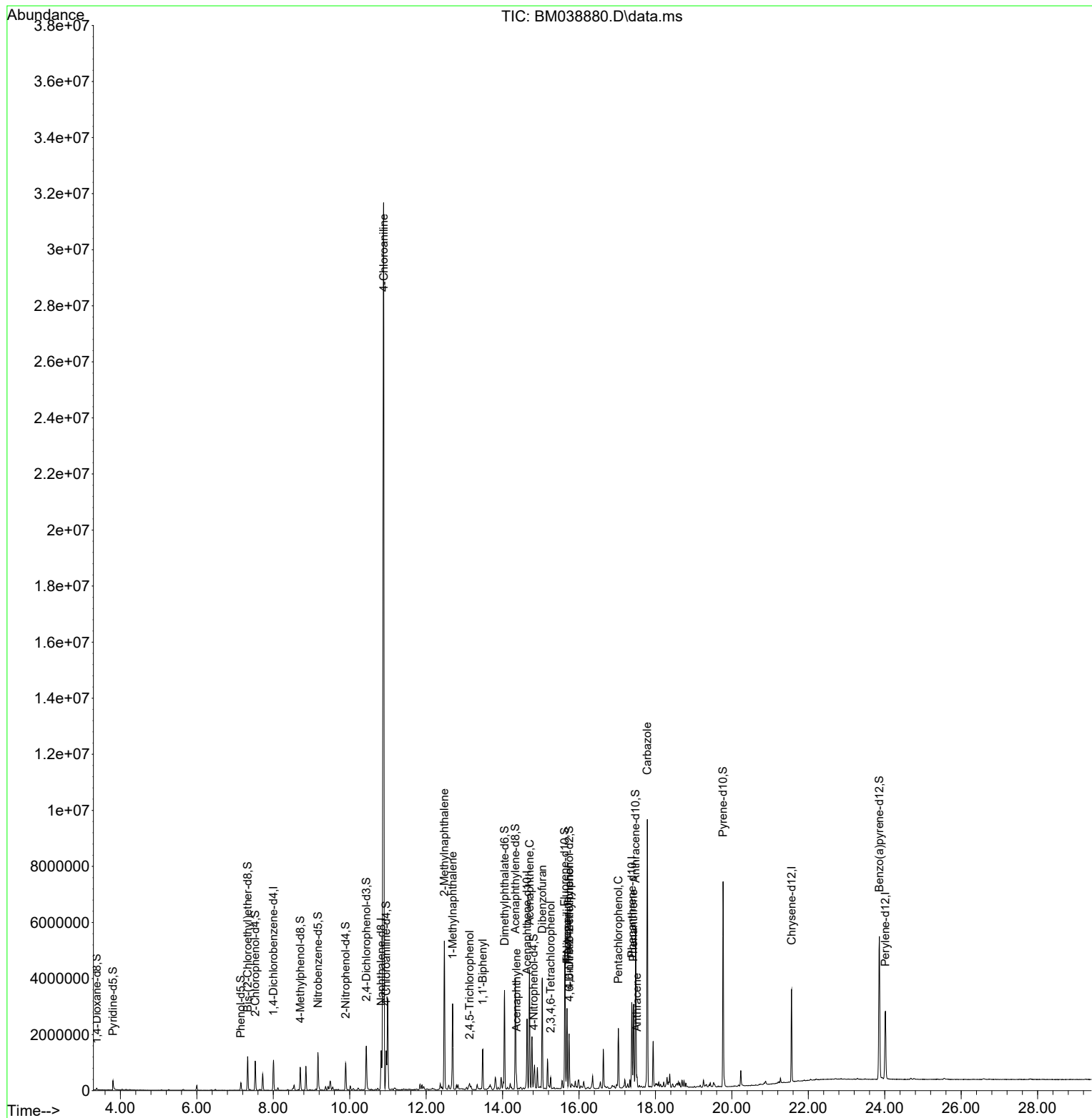
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	280043	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1283365	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	817575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1706367	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1558664	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1818525	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	35874	4.783	ng/uL	0.00
4) Pyridine-d5	3.805	84	198790	9.641	ng/ul	0.00
7) Phenol-d5	7.152	99	147149	5.605	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	505113	30.110	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	461309	23.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	294451	14.236	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	315119	34.976	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	303847	35.991	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	534440	27.243	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	685886	20.976	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2223472	35.113	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	2404986	32.494	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	66714	5.263	ng/ul	0.00
60) Fluorene-d10	15.628	176	1921477	34.406	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	330920	37.303	ng/ul	0.00
73) Anthracene-d10	17.480	188	3145654	37.386	ng/ul	0.00
81) Pyrene-d10	19.768	212	3689545	43.038	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.856	264	3717204	40.562	ng/ul	0.00
Target Compounds						
					Qvalue	
32) 4-Chloroaniline	10.887	127	4430626	133.827	ng/ul#	9
36) 2-Methylnaphthalene	12.475	142	2360182	49.376	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	1327693	27.568	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	27775	1.636	ng/ul	95
43) 1,1'-Biphenyl	13.481	154	724192	11.230	ng/ul	99
50) Acenaphthylene	14.363	152	196960	2.400	ng/ul	97
52) Acenaphthene	14.704	153	1647178	29.153	ng/ul	98
56) Dibenzofuran	15.039	168	2437840	31.079	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	65594	4.438	ng/ul#	97
61) Fluorene	15.686	166	1236690	18.804	ng/ul	100
63) 4-Nitroaniline	15.686	138	14094	1.069	ng/ul#	26
66) 4,6-Dinitro-2-methylph...	15.745	198	108835	11.855	ng/ul#	81
71) Pentachlorophenol	17.027	266	205971	15.924	ng/ul	99
72) Phenanthrene	17.422	178	1668292	16.922	ng/ul	99
74) Anthracene	17.516	178	131295	1.308	ng/ul	98
77) Carbazole	17.786	167	5723040	61.394	ng/ul	99

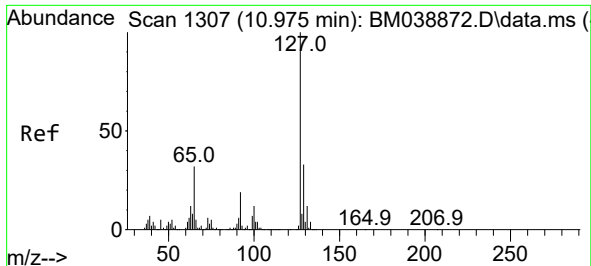
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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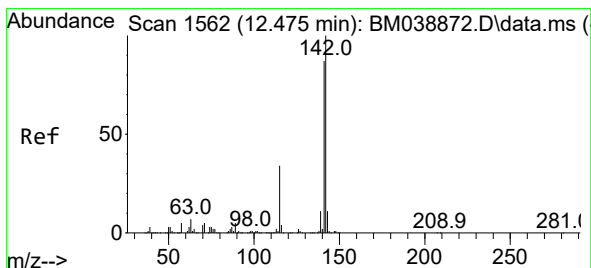
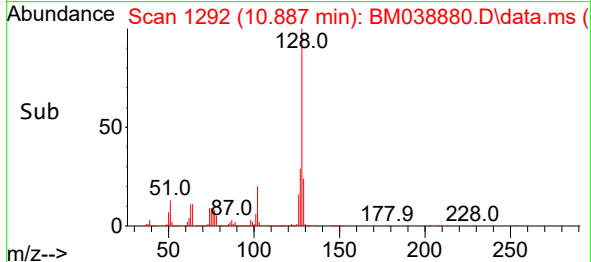
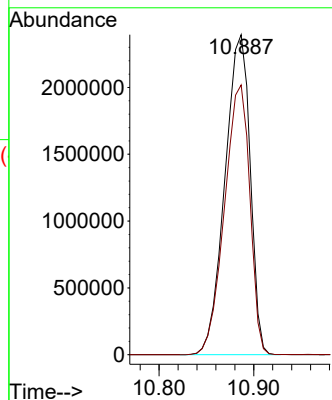
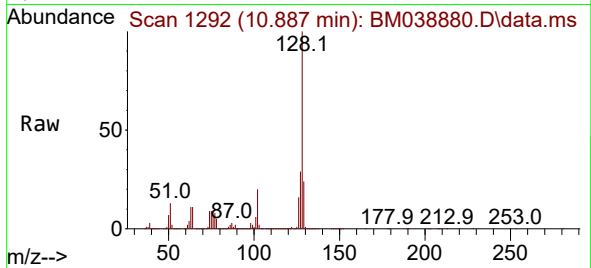




#32
4-Chloroaniline
Concen: 133.827 ng/ul
RT: 10.887 min Scan# 1292
Delta R.T. -0.088 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

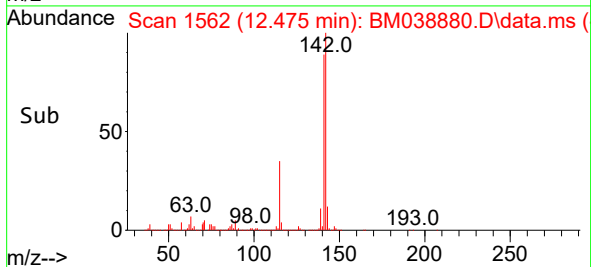
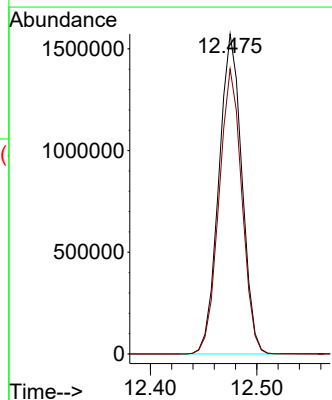
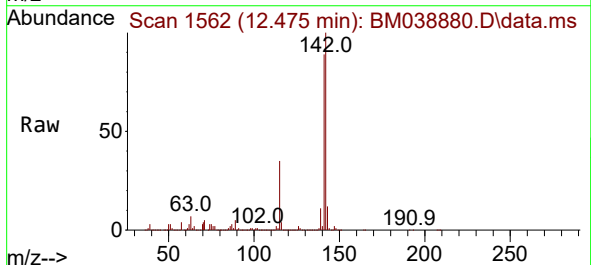
Instrument :
BNA_M
ClientSampleId :
DCAE4

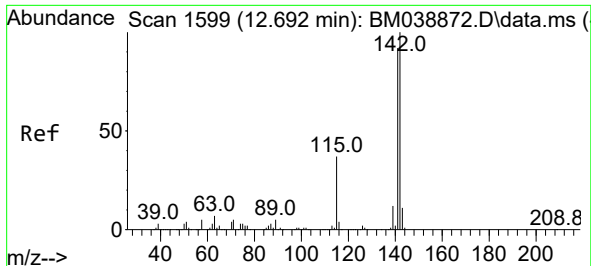
Tgt Ion:127 Resp: 4430626
Ion Ratio Lower Upper
127 100
129 84.3 26.3 39.5#



#36
2-Methylnaphthalene
Concen: 49.376 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

Tgt Ion:142 Resp: 2360182
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6

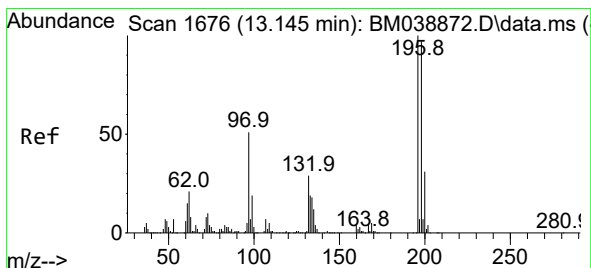
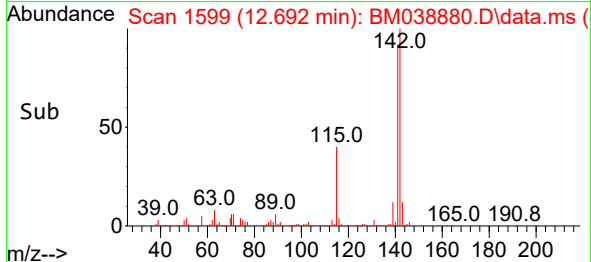
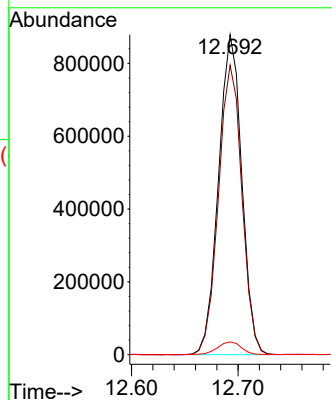
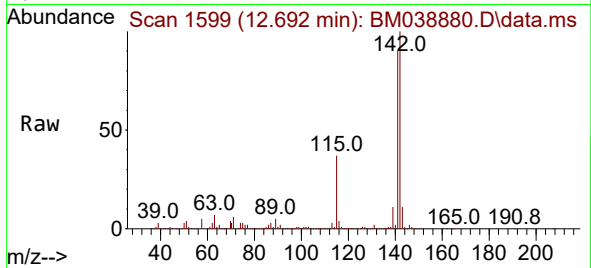




#37
1-Methylnaphthalene
Concen: 27.568 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

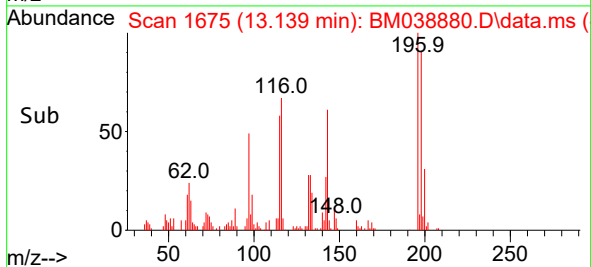
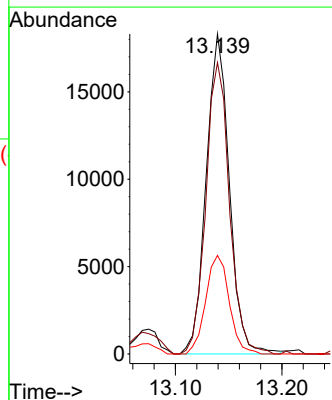
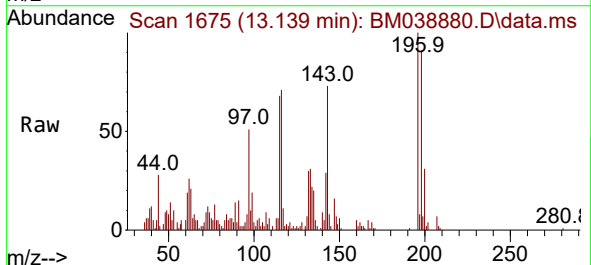
Instrument :
BNA_M
ClientSampleId :
DCAE4

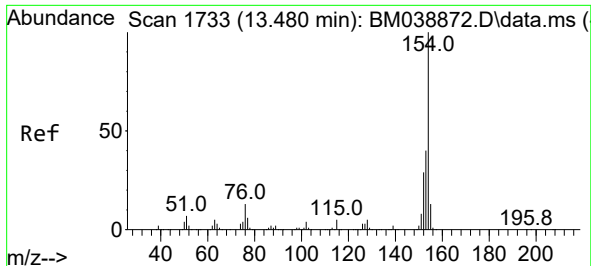
Tgt Ion:142 Resp: 1327693
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0
116 4.0 3.2 4.8



#42
2,4,5-Trichlorophenol
Concen: 1.636 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

Tgt Ion:196 Resp: 27775
Ion Ratio Lower Upper
196 100
198 91.0 77.5 116.3
200 30.8 24.8 37.2





#43

1,1'-Biphenyl

Concen: 11.230 ng/ul

RT: 13.481 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038880.D

Acq: 06 Mar 2023 20:27

Instrument :

BNA_M

ClientSampleId :

DCAE4

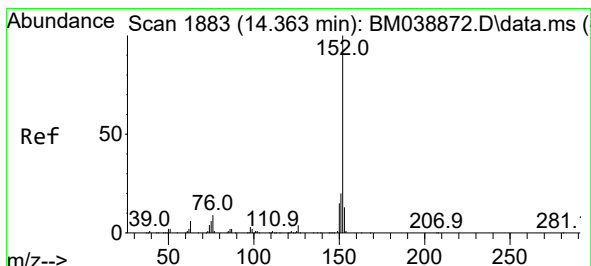
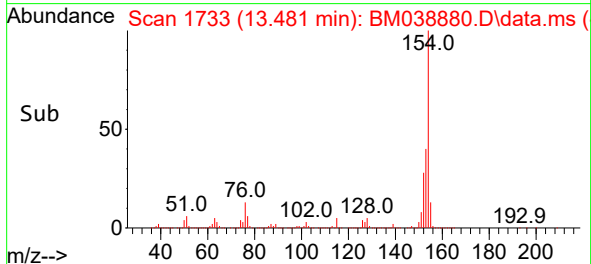
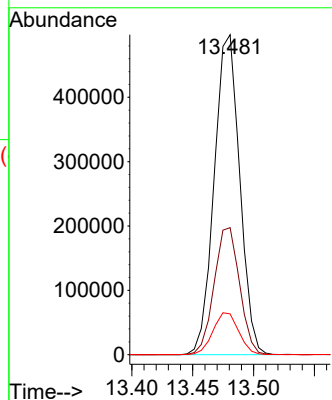
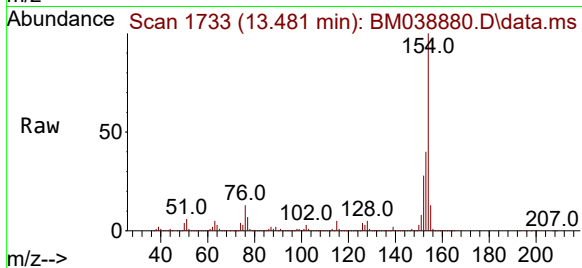
Tgt Ion:154 Resp: 724192

Ion Ratio Lower Upper

154 100

153 39.7 31.3 46.9

76 12.7 11.0 16.6



#50

Acenaphthylene

Concen: 2.400 ng/ul

RT: 14.363 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BM038880.D

Acq: 06 Mar 2023 20:27

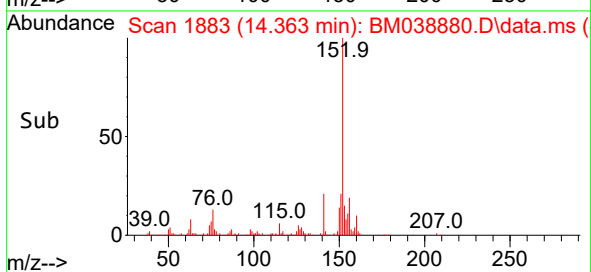
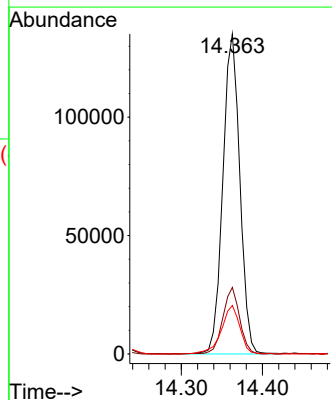
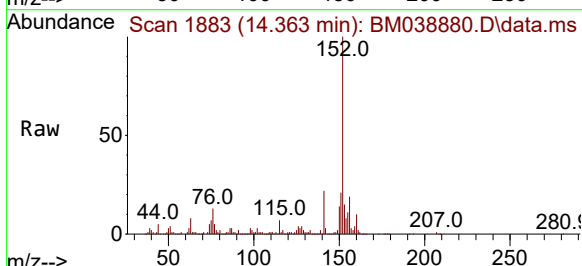
Tgt Ion:152 Resp: 196960

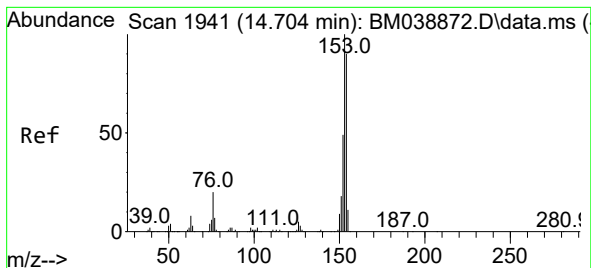
Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

153 15.2 10.4 15.6





#52

Acenaphthene

Concen: 29.153 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM038880.D

Acq: 06 Mar 2023 20:27

Instrument :

BNA_M

ClientSampleId :

DCAE4

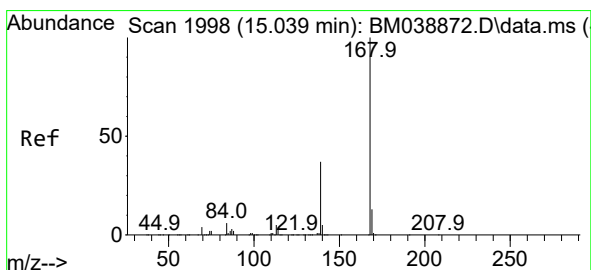
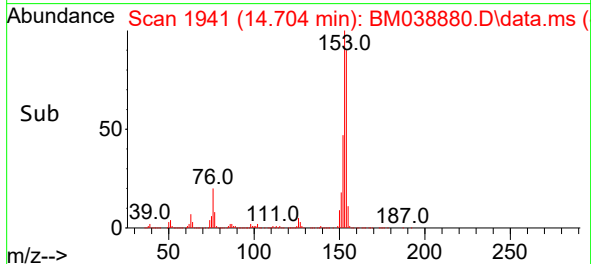
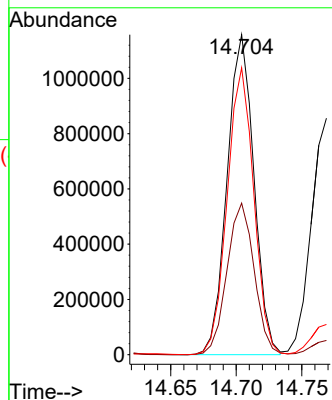
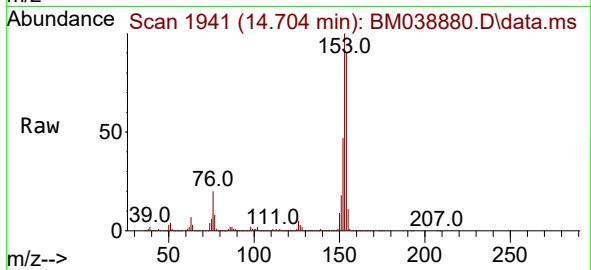
Tgt Ion:153 Resp: 1647178

Ion Ratio Lower Upper

153 100

152 47.3 39.1 58.7

154 89.6 70.4 105.6



#56

Dibenzofuran

Concen: 31.079 ng/ul

RT: 15.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BM038880.D

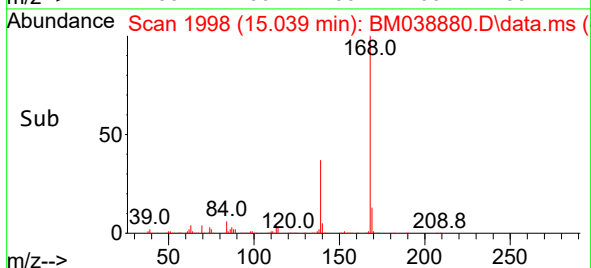
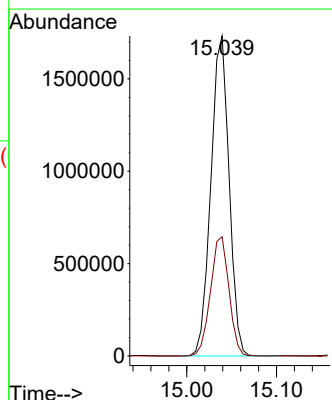
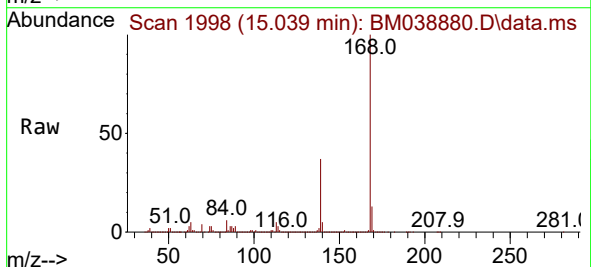
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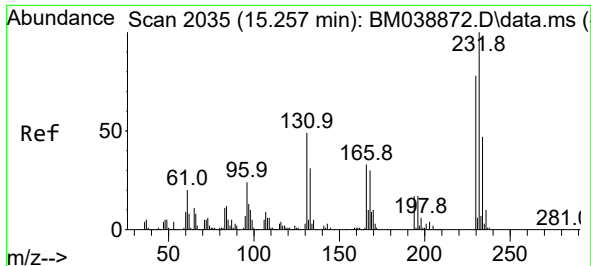
Tgt Ion:168 Resp: 2437840

Ion Ratio Lower Upper

168 100

139 37.3 30.9 46.3

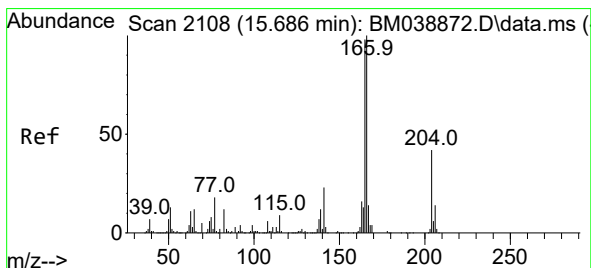
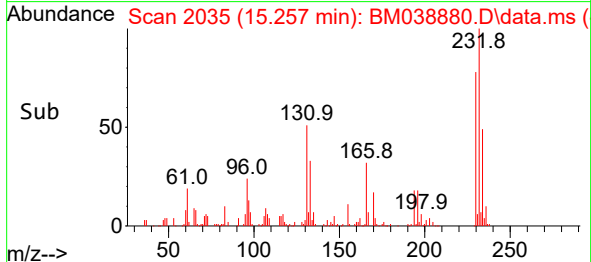
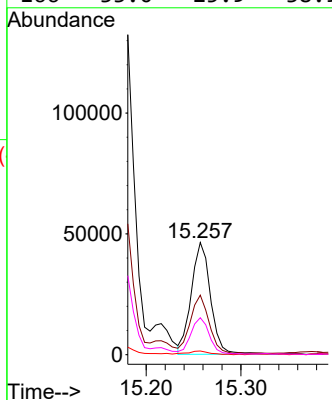
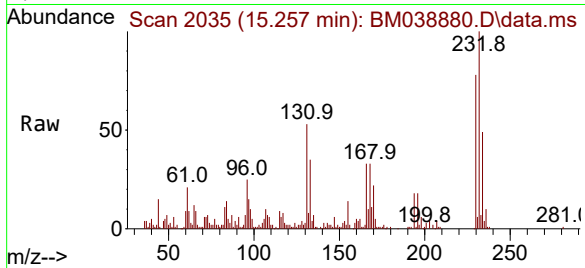




#58
2,3,4,6-Tetrachlorophenol
Concen: 4.438 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

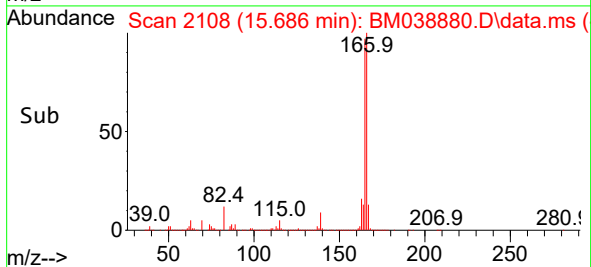
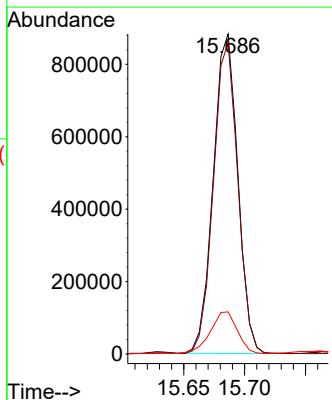
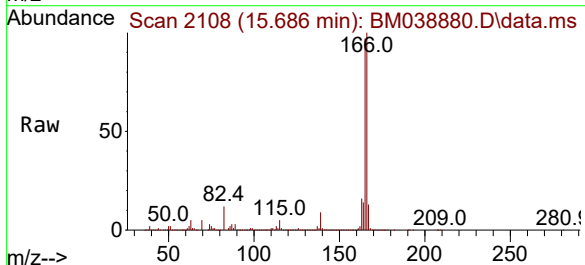
Instrument :
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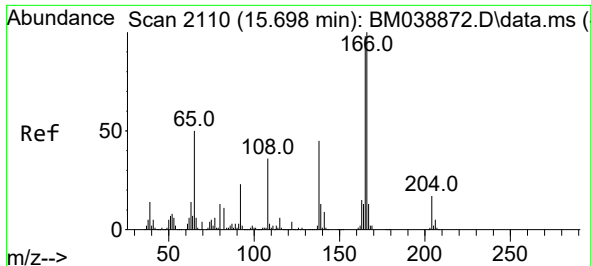
Tgt Ion:232 Resp: 65594
Ion Ratio Lower Upper
232 100
131 53.1 40.6 60.8
130 3.3 2.0 3.0#
166 33.0 25.9 38.9



#61
Fluorene
Concen: 18.804 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

Tgt Ion:166 Resp: 1236690
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.1 10.5 15.7

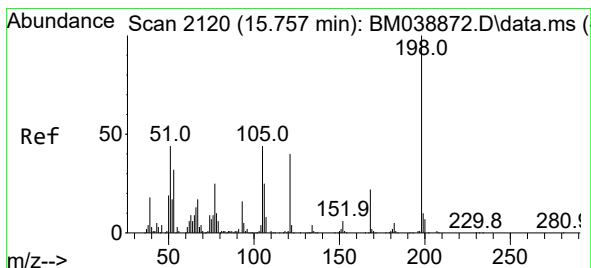
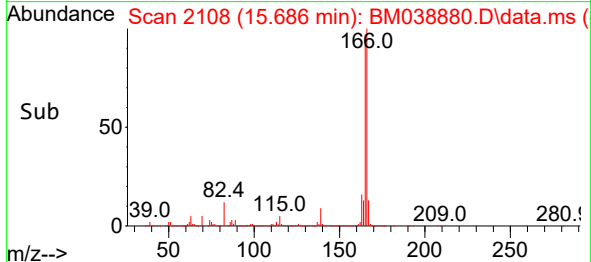
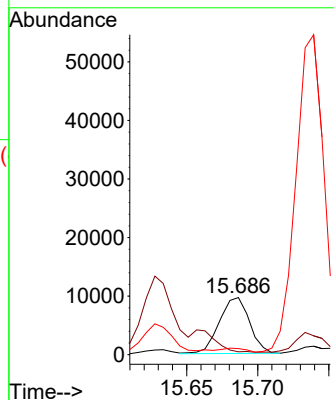
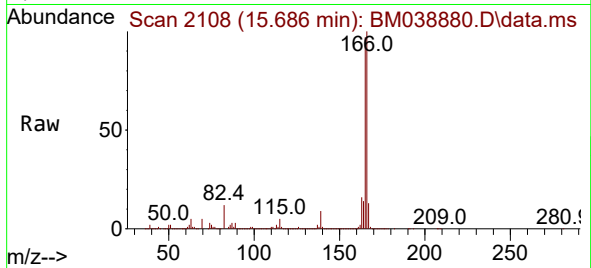




#63
4-Nitroaniline
Concen: 1.069 ng/ul
RT: 15.686 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

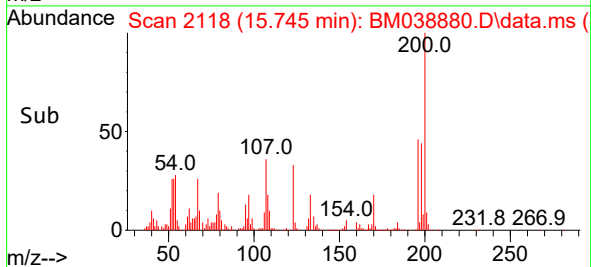
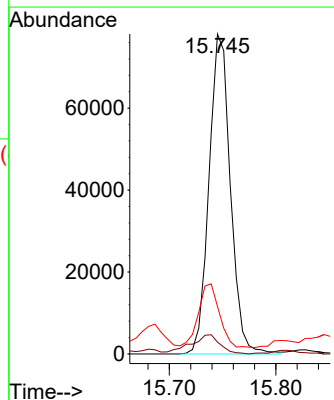
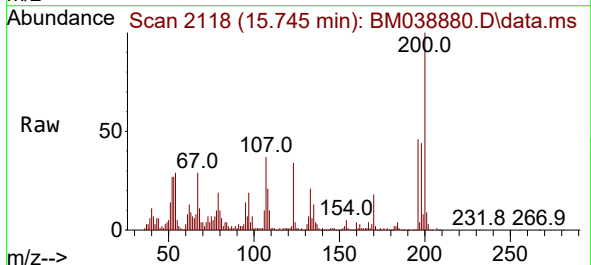
Instrument :
BNA_M
ClientSampleId :
DCAE4

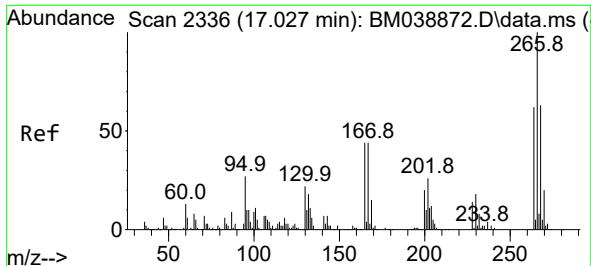
Tgt Ion:138 Resp: 14094
Ion Ratio Lower Upper
138 100
92 5.1 41.8 62.8#
108 10.7 65.0 97.6#



#66
4,6-Dinitro-2-methylphenol
Concen: 11.855 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.011 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

Tgt Ion:198 Resp: 108835
Ion Ratio Lower Upper
198 100
182 3.7 3.5 5.3
77 14.8 21.0 31.6#

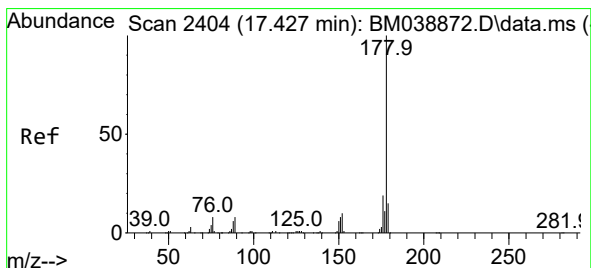
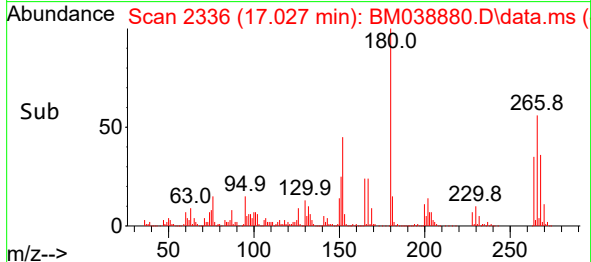
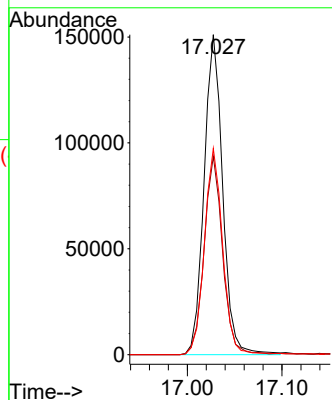
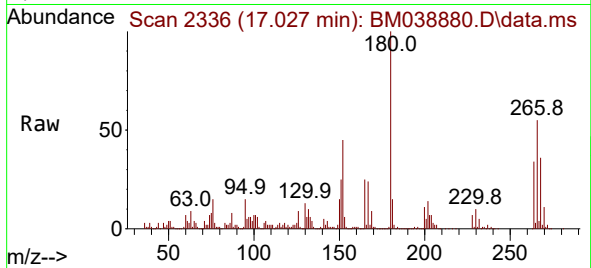




#71
 Pentachlorophenol
 Concen: 15.924 ng/ul
 RT: 17.027 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038880.D
 Acq: 06 Mar 2023 20:27

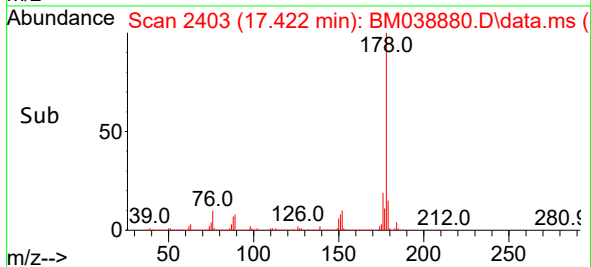
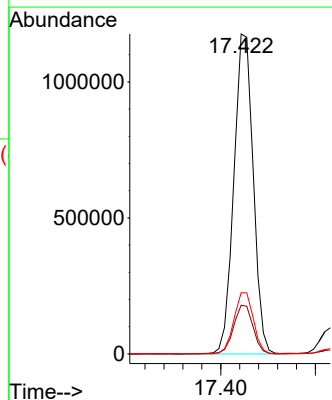
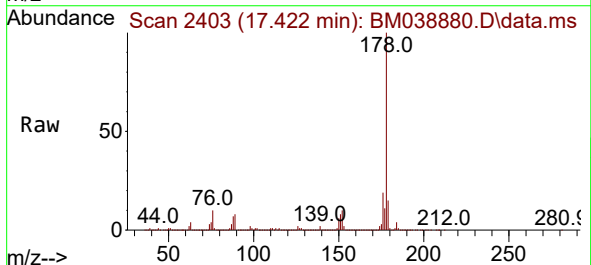
Instrument :
 BNA_M
 ClientSampleId :
 DCAE4

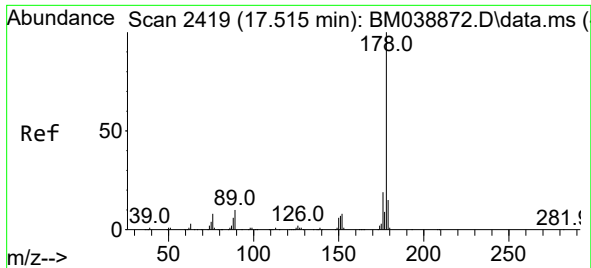
Tgt Ion:266 Resp: 205971
 Ion Ratio Lower Upper
 266 100
 264 62.0 51.0 76.6
 268 64.4 51.7 77.5



#72
 Phenanthrene
 Concen: 16.922 ng/ul
 RT: 17.422 min Scan# 2403
 Delta R.T. -0.006 min
 Lab File: BM038880.D
 Acq: 06 Mar 2023 20:27

Tgt Ion:178 Resp: 1668292
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.1 15.7 23.5

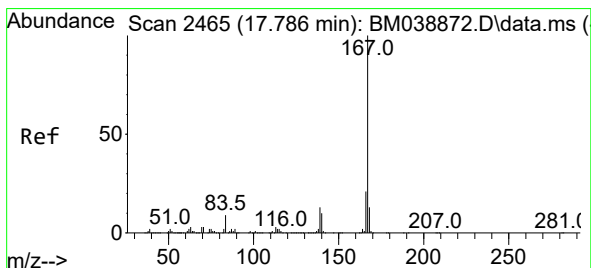
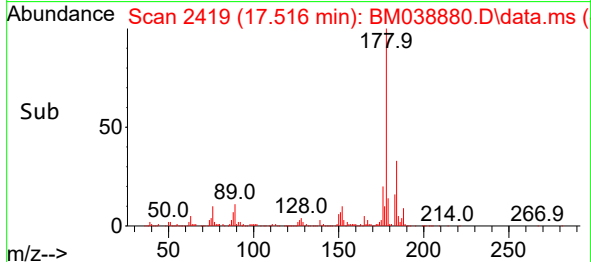
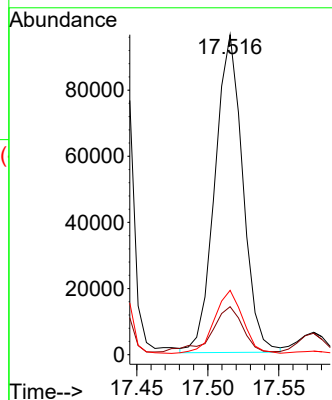
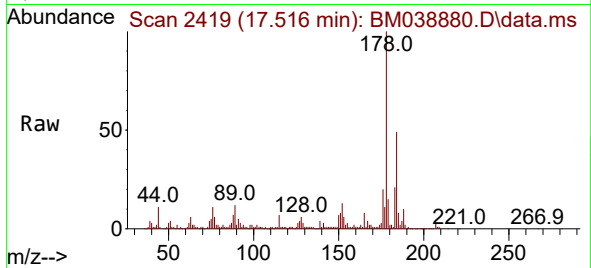




#74
 Anthracene
 Concen: 1.308 ng/ul
 RT: 17.516 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BM038880.D
 Acq: 06 Mar 2023 20:27

Instrument :
 BNA_M
 ClientSampleId :
 DCAE4

Tgt Ion:178 Resp: 131295
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.5 18.7
 176 20.1 14.9 22.3



#77
 Carbazole
 Concen: 61.394 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM038880.D
 Acq: 06 Mar 2023 20:27

Tgt Ion:167 Resp: 5723040
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.3 10.6 16.0

