

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038878.D
 Acq On : 06 Mar 2023 19:12
 Operator : CG/JU
 Sample : 01746-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE2

Quant Time: Mar 07 00:00:07 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)

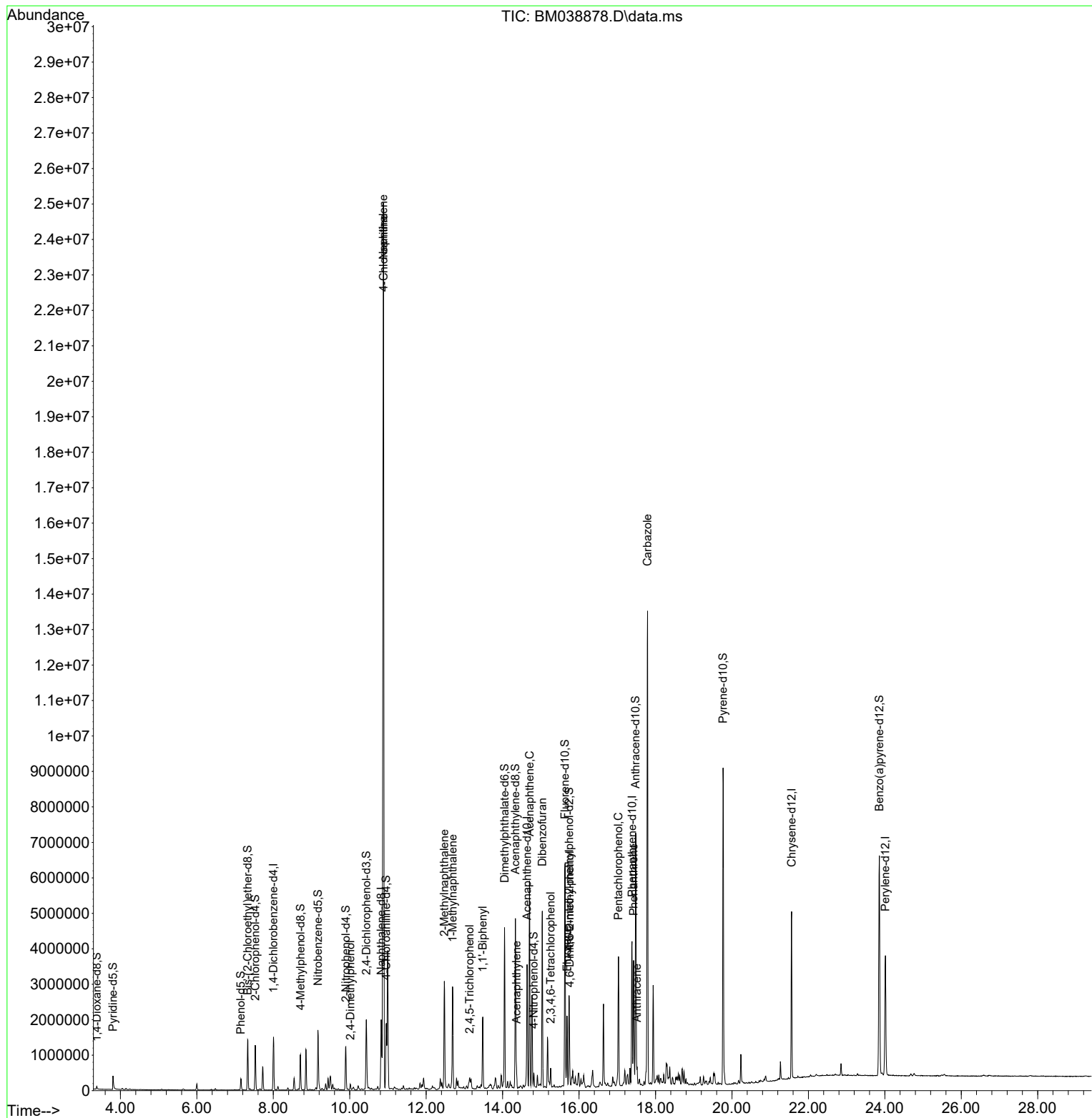
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	390905	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1764336	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1133734	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2395732	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	2182453	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	2441145	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	40451	3.864	ng/uL	0.00
4) Pyridine-d5	3.804	84	223648	7.770	ng/ul	0.00
7) Phenol-d5	7.151	99	177800	4.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	624569	26.672	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	571283	20.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	361144	12.509	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	390953	31.564	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	380271	32.765	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	670429	24.859	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	890366	19.806	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2788141	31.752	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	2976239	28.999	ng/ul	0.00
54) 4-Nitrophenol-d4	14.815	143	80624	4.587	ng/ul	0.00
60) Fluorene-d10	15.633	176	2414686	31.180	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	435443	34.961	ng/ul	0.00
73) Anthracene-d10	17.480	188	4033340	34.142	ng/ul	0.00
81) Pyrene-d10	19.768	212	4637123	38.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.856	264	4472575	36.357	ng/ul	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.016	107	45275	1.339	ng/ul#	88
30) Naphthalene	10.875	128	18263131	181.405	ng/ul#	87
32) 4-Chloroaniline	10.880	127	2986734	65.621	ng/ul#	9
36) 2-Methylnaphthalene	12.474	142	1393941	21.212	ng/ul	99
37) 1-Methylnaphthalene	12.692	142	1224410	18.493	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	44073	1.872	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	995840	11.136	ng/ul	99
50) Acenaphthylene	14.363	152	230447	2.025	ng/ul	98
52) Acenaphthene	14.704	153	2207731	28.178	ng/ul	99
56) Dibenzofuran	15.039	168	2961307	27.225	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	87442	4.266	ng/ul#	98
61) Fluorene	15.686	166	849181	9.311	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	175158	13.589	ng/ul#	69
71) Pentachlorophenol	17.027	266	337902	18.607	ng/ul	99
72) Phenanthrene	17.427	178	1815492	13.116	ng/ul	100
74) Anthracene	17.515	178	163565	1.161	ng/ul	98
77) Carbazole	17.792	167	8296781	63.393	ng/ul	99

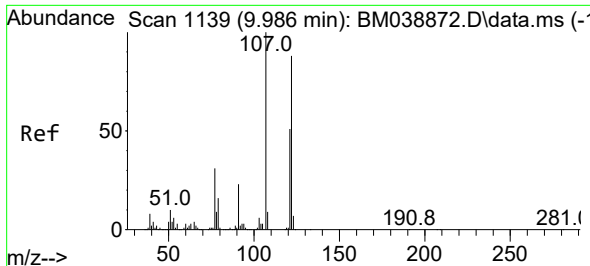
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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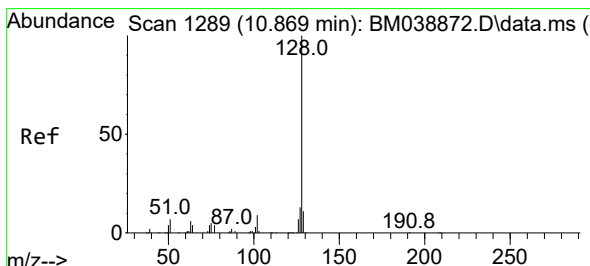
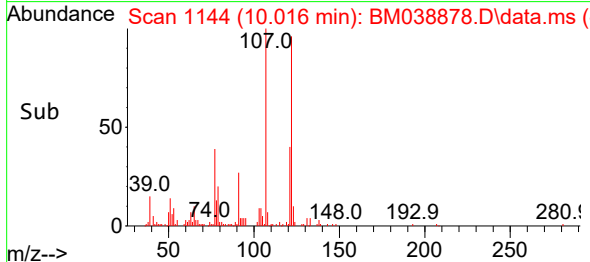
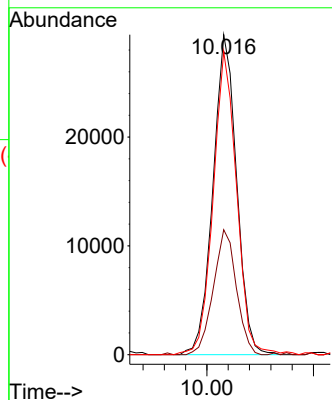
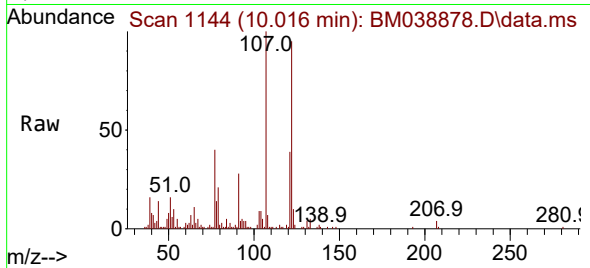




#26
2,4-Dimethylphenol
Concen: 1.339 ng/ul
RT: 10.016 min Scan# 1139
Delta R.T. 0.029 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

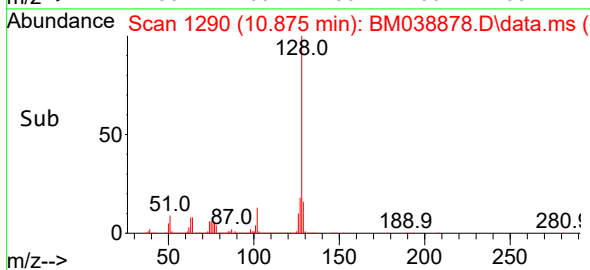
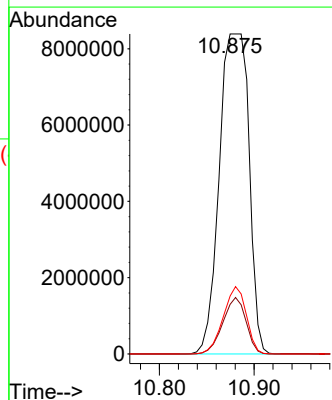
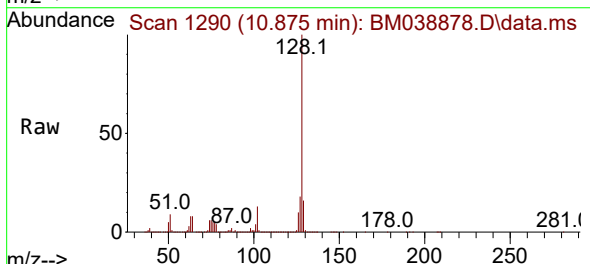
Instrument :
BNA_M
ClientSampleId :
DCAE2

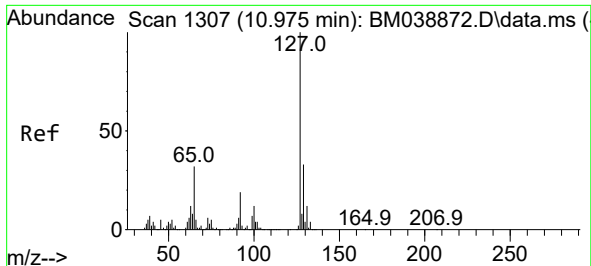
Tgt Ion:107 Resp: 45275
Ion Ratio Lower Upper
107 100
121 39.1 39.8 59.8#
122 94.7 69.0 103.4



#30
Naphthalene
Concen: 181.405 ng/ul
RT: 10.875 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

Tgt Ion:128 Resp:18263131
Ion Ratio Lower Upper
128 100
129 15.5 8.6 12.8#
127 18.1 10.2 15.4#

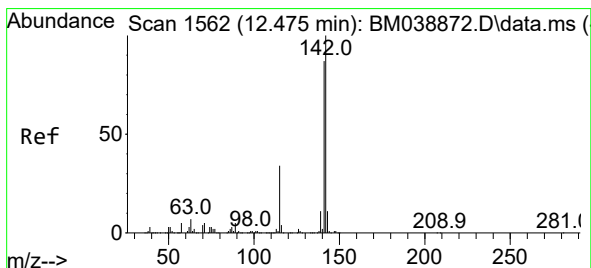
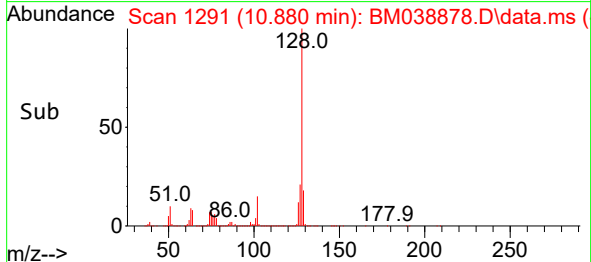
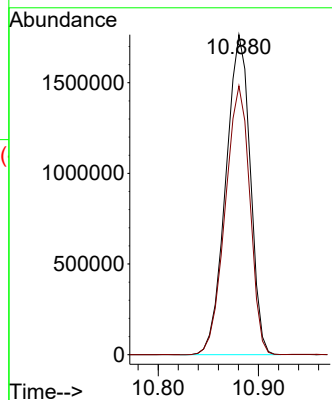
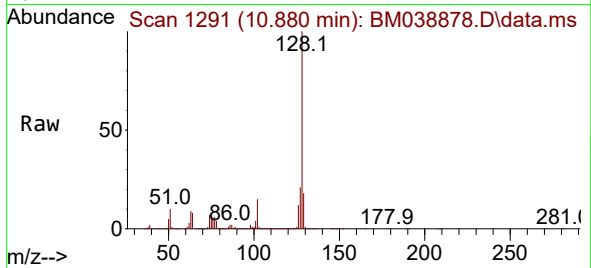




#32
4-Chloroaniline
Concen: 65.621 ng/ul
RT: 10.880 min Scan# 1291
Delta R.T. -0.094 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

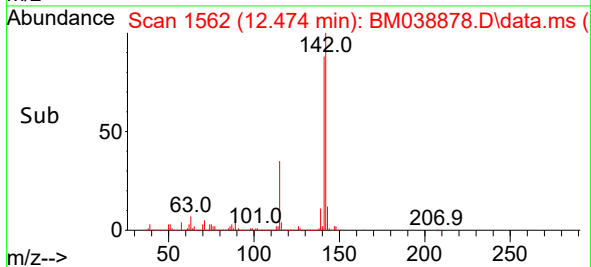
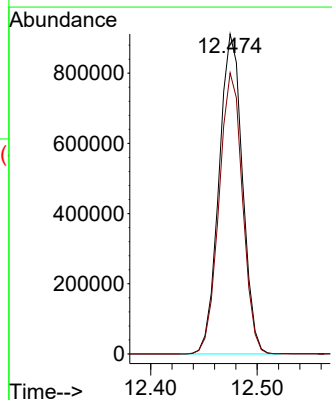
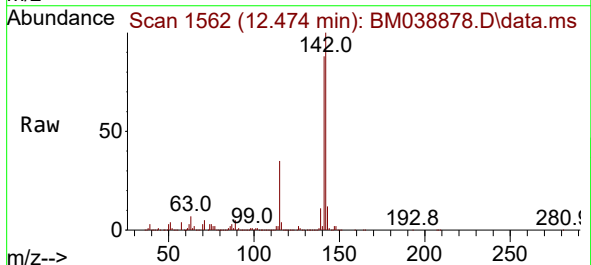
Instrument :
BNA_M
ClientSampleId :
DCAE2

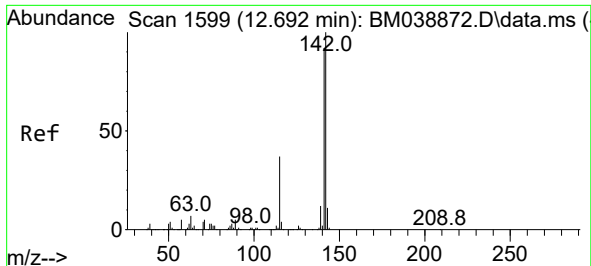
Tgt Ion:127 Resp: 2986734
Ion Ratio Lower Upper
127 100
129 84.0 26.3 39.5#



#36
2-Methylnaphthalene
Concen: 21.212 ng/ul
RT: 12.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

Tgt Ion:142 Resp: 1393941
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6





#37

1-Methylnaphthalene

Concen: 18.493 ng/ul

RT: 12.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038878.D

Acq: 06 Mar 2023 19:12

Instrument :

BNA_M

ClientSampleId :

DCAE2

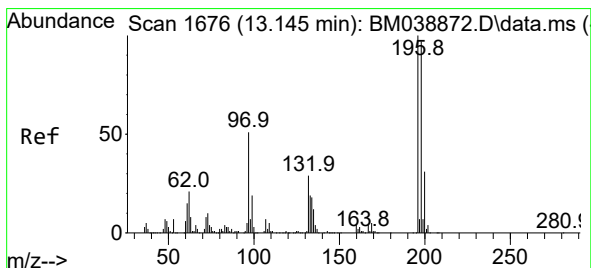
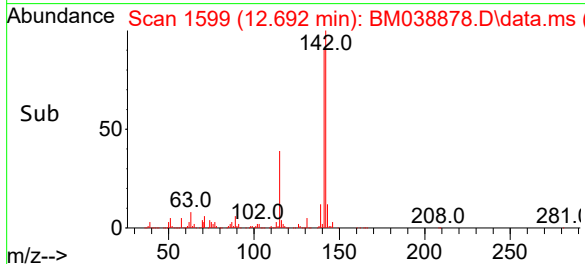
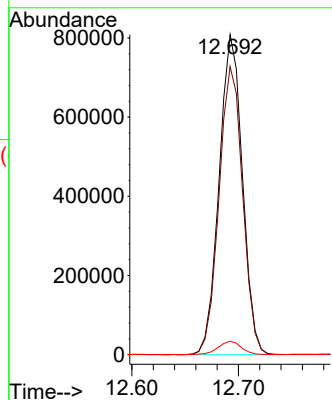
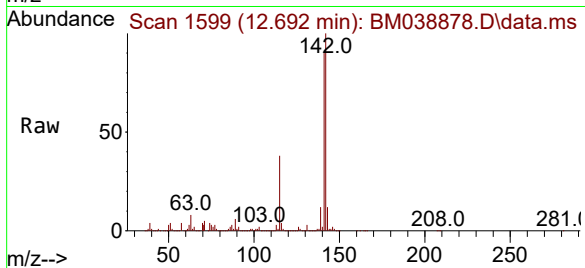
Tgt Ion:142 Resp: 1224410

Ion Ratio Lower Upper

142 100

141 90.0 73.4 110.0

116 4.2 3.2 4.8



#42

2,4,5-Trichlorophenol

Concen: 1.872 ng/ul

RT: 13.139 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BM038878.D

Acq: 06 Mar 2023 19:12

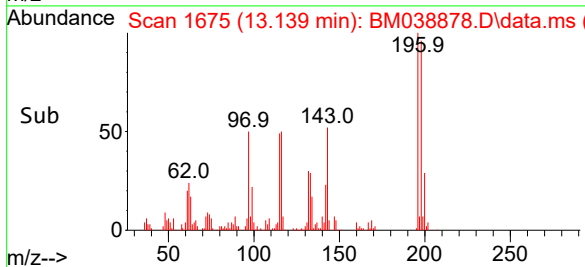
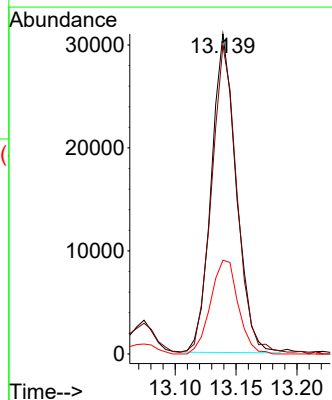
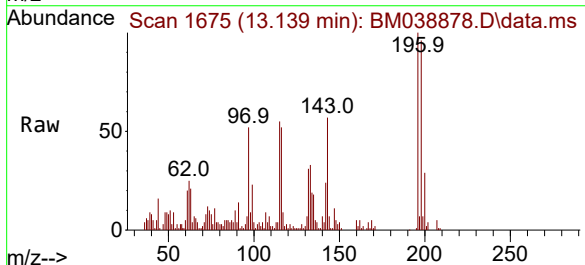
Tgt Ion:196 Resp: 44073

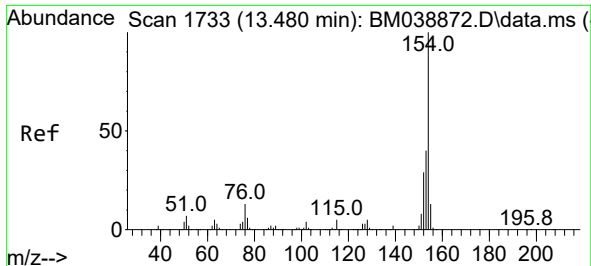
Ion Ratio Lower Upper

196 100

198 96.5 77.5 116.3

200 29.3 24.8 37.2

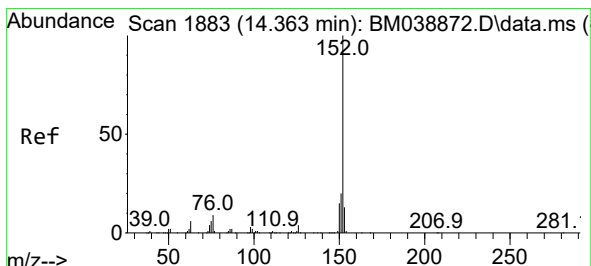
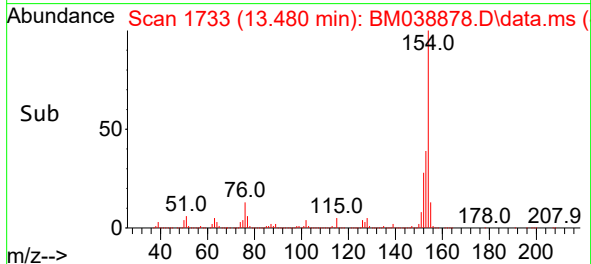
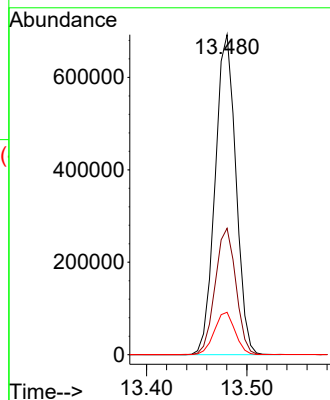
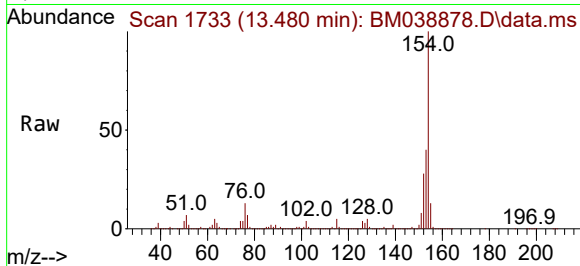




#43
1,1'-Biphenyl
Concen: 11.136 ng/ul
RT: 13.480 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

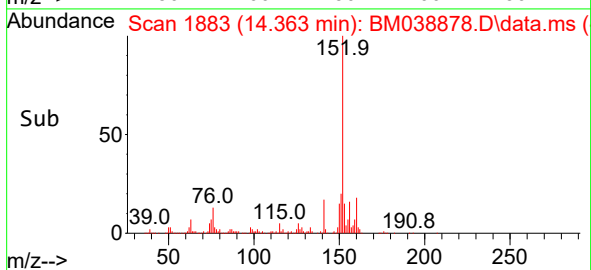
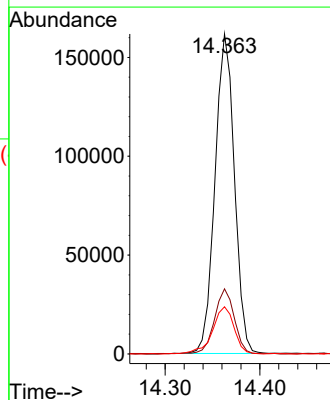
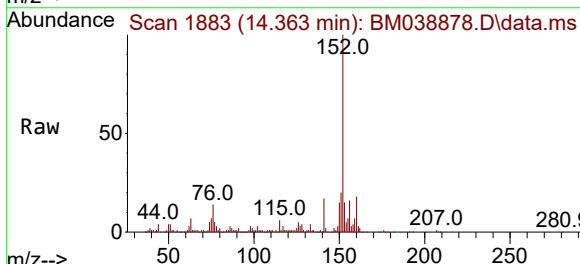
Instrument :
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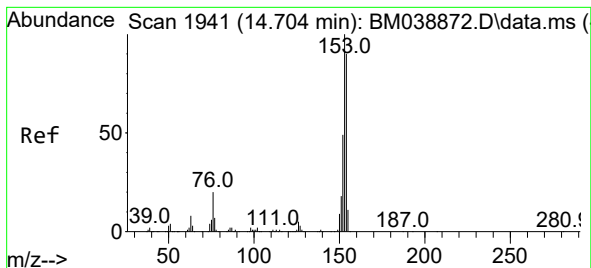
Tgt Ion:154 Resp: 995840
Ion Ratio Lower Upper
154 100
153 39.5 31.3 46.9
76 13.2 11.0 16.6



#50
Acenaphthylene
Concen: 2.025 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

Tgt Ion:152 Resp: 230447
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 14.8 10.4 15.6





#52

Acenaphthene

Concen: 28.178 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BM038878.D

Acq: 06 Mar 2023 19:12

Instrument :

BNA_M

ClientSampleId :

DCAE2

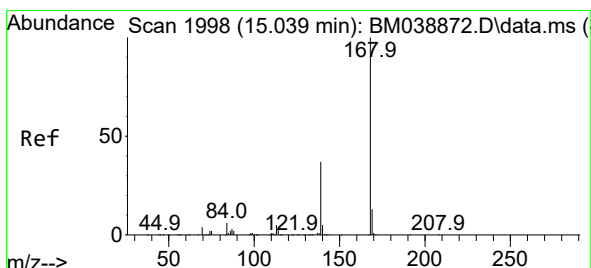
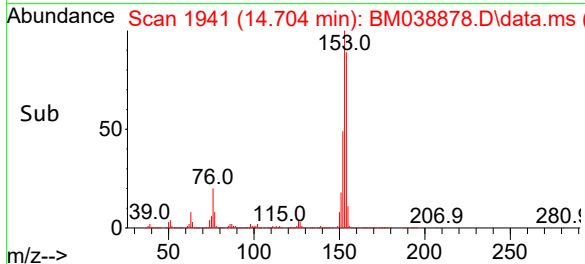
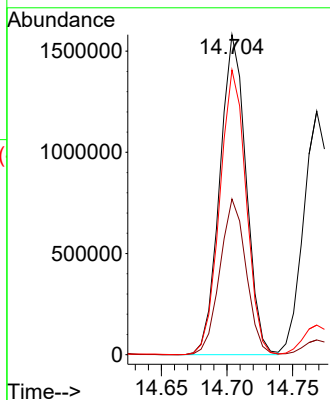
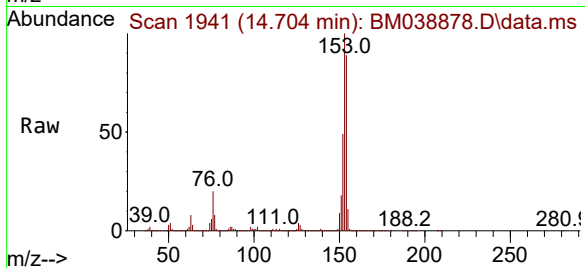
Tgt Ion:153 Resp: 2207731

Ion Ratio Lower Upper

153 100

152 48.6 39.1 58.7

154 89.0 70.4 105.6



#56

Dibenzofuran

Concen: 27.225 ng/ul

RT: 15.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BM038878.D

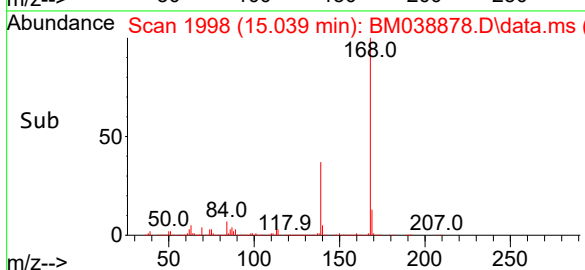
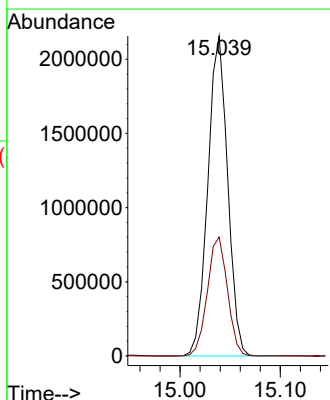
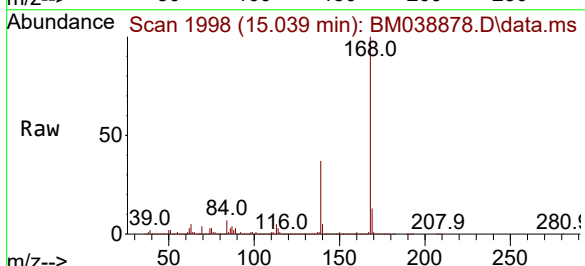
Acq: 06 Mar 2023 19:12

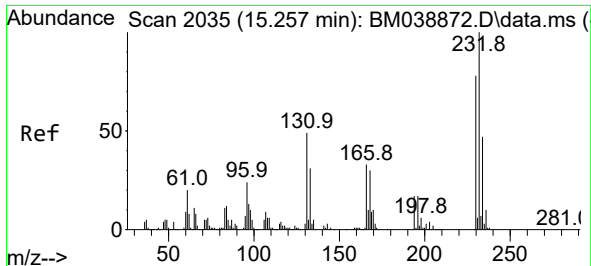
Tgt Ion:168 Resp: 2961307

Ion Ratio Lower Upper

168 100

139 37.1 30.9 46.3

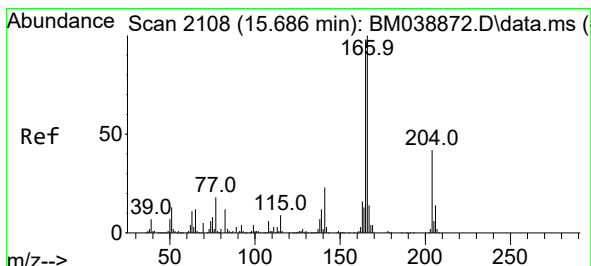
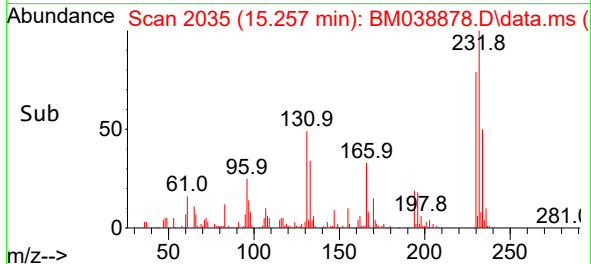
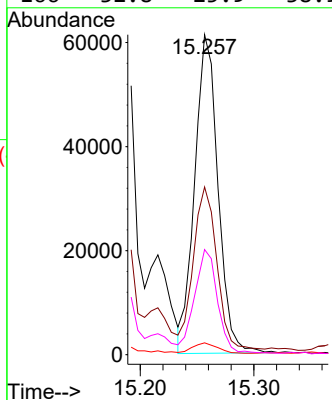
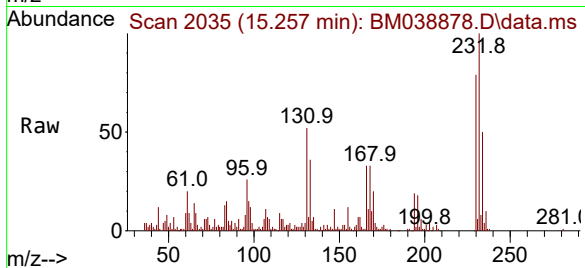




#58
2,3,4,6-Tetrachlorophenol
Concen: 4.266 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

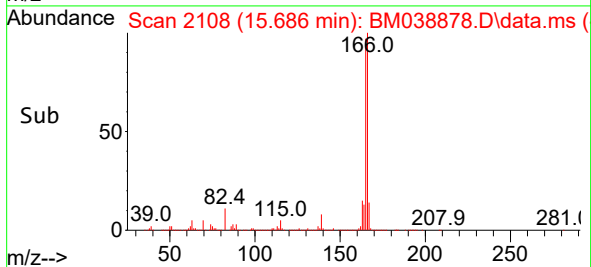
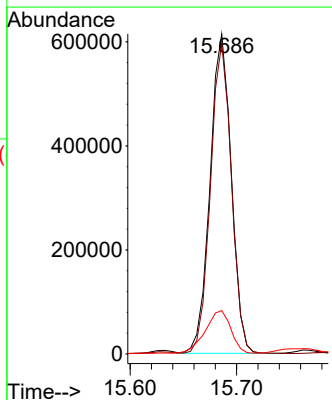
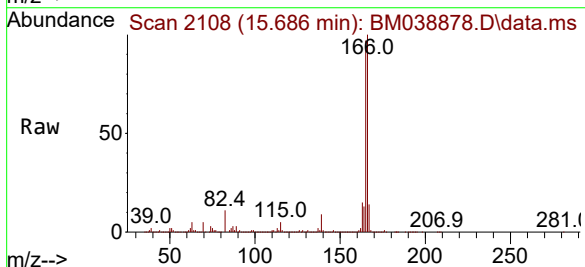
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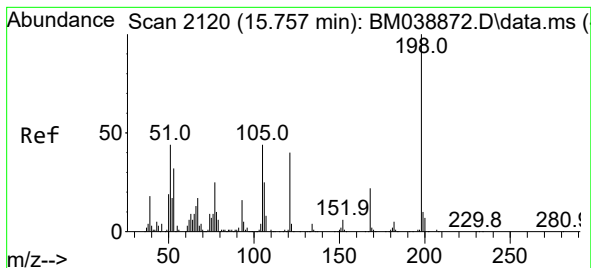
Tgt Ion:232 Resp: 87442
Ion Ratio Lower Upper
232 100
131 52.4 40.6 60.8
130 3.7 2.0 3.0#
166 32.8 25.9 38.9



#61
Fluorene
Concen: 9.311 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

Tgt Ion:166 Resp: 849181
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.4
167 13.6 10.5 15.7

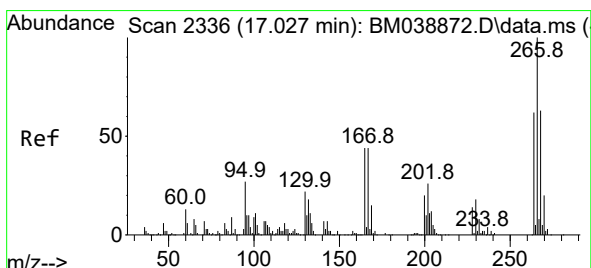
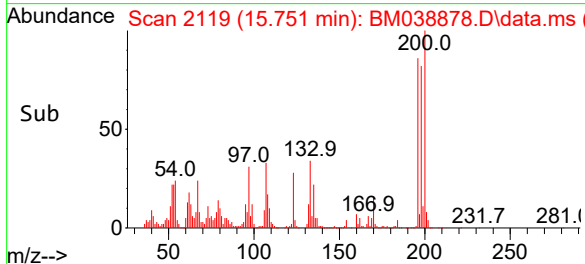
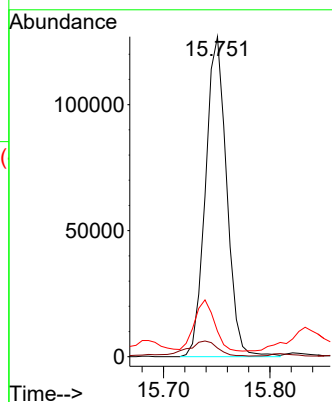
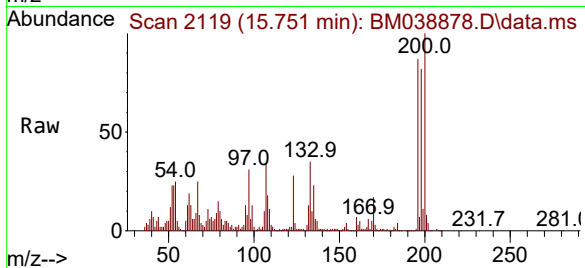




#66
4,6-Dinitro-2-methylphenol
Concen: 13.589 ng/ul
RT: 15.751 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

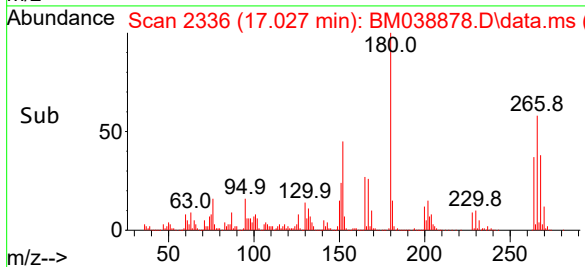
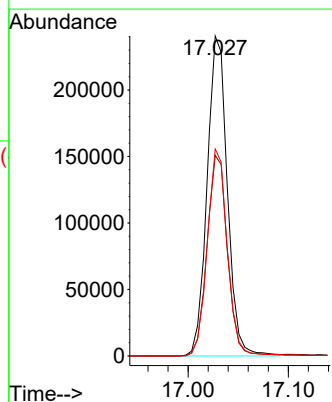
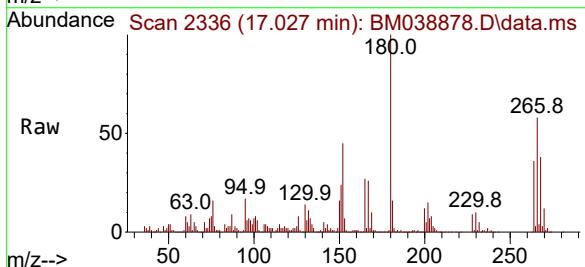
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BNA_M
ClientSampleId :
DCAE2

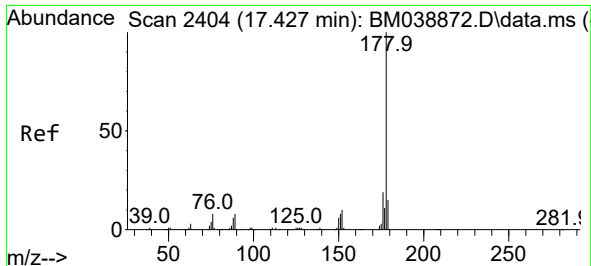
Tgt Ion:198 Resp: 175158
Ion Ratio Lower Upper
198 100
182 2.7 3.5 5.3#
77 7.9 21.0 31.6#



#71
Pentachlorophenol
Concen: 18.607 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

Tgt Ion:266 Resp: 337902
Ion Ratio Lower Upper
266 100
264 62.7 51.0 76.6
268 64.7 51.7 77.5

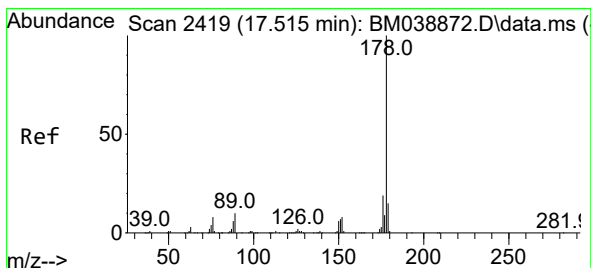
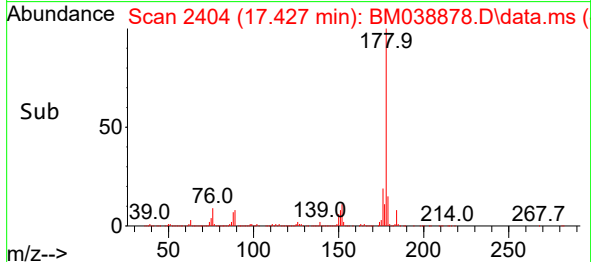
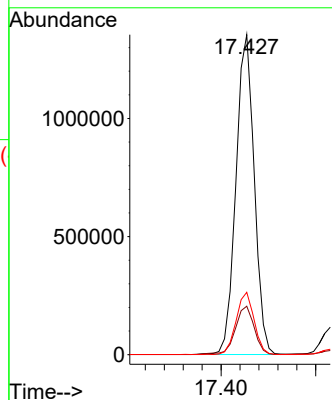
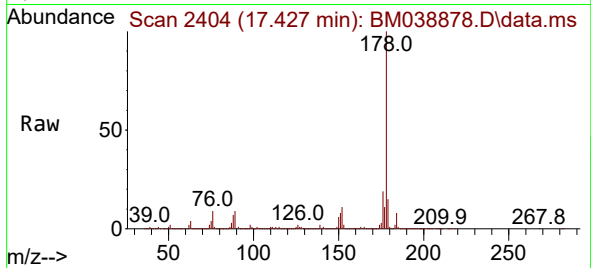




#72
Phenanthrene
Concen: 13.116 ng/ul
RT: 17.427 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

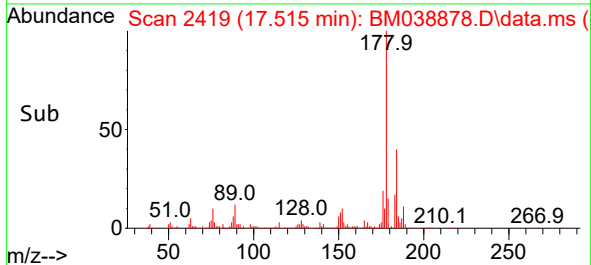
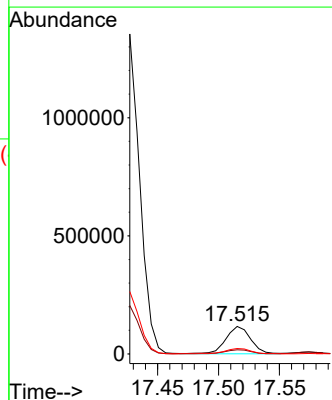
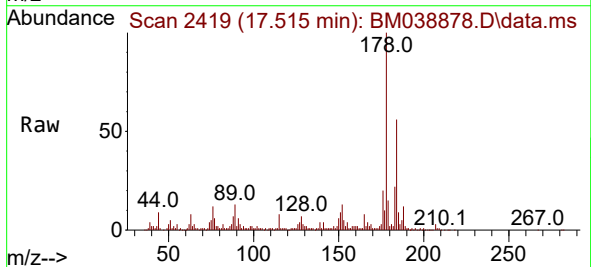
Instrument :
BNA_M
ClientSampleId :
DCAE2

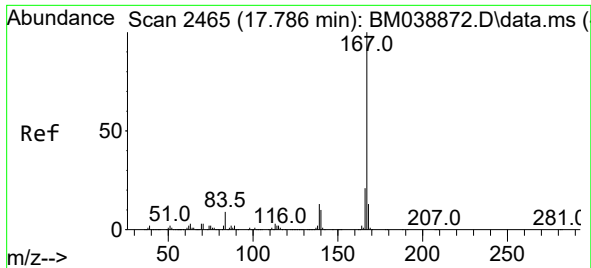
Tgt Ion:178 Resp: 1815492
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.5 15.7 23.5



#74
Anthracene
Concen: 1.161 ng/ul
RT: 17.515 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038878.D
Acq: 06 Mar 2023 19:12

Tgt Ion:178 Resp: 163565
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 19.6 14.9 22.3





#77
 Carbazole
 Concen: 63.393 ng/ul
 RT: 17.792 min Scan# 2466
 Delta R.T. 0.006 min
 Lab File: BM038878.D
 Acq: 06 Mar 2023 19:12

Instrument :
 BNA_M
 ClientSampleId :
 DCAE2

Tgt Ion:167 Resp: 8296781

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.4	10.6	16.0

