

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038877.D
 Acq On : 06 Mar 2023 18:35
 Operator : CG/JU
 Sample : 01746-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD5

Quant Time: Mar 06 23:59:54 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)

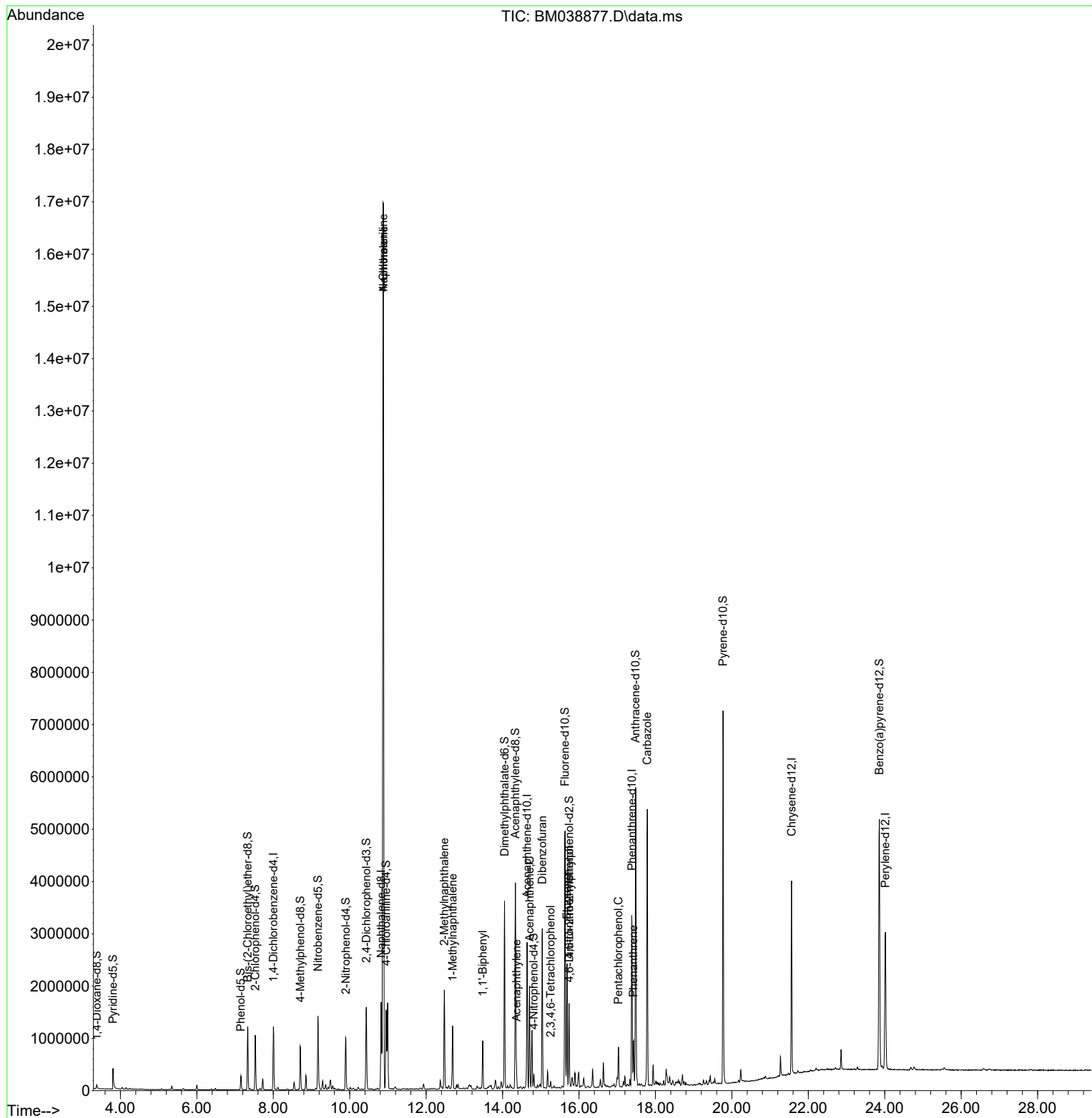
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	316228	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1428457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	896550	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1884650	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1715432	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1939629	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	38422	4.537	ng/uL	0.00
4) Pyridine-d5	3.805	84	239389	10.281	ng/ul	0.00
7) Phenol-d5	7.151	99	146166	4.930	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	535386	28.263	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	475472	21.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	297912	12.755	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	326388	32.547	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	311557	33.156	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	551527	25.259	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	781987	21.486	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2167480	31.214	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	2424296	29.870	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	52023	3.742	ng/ul	0.00
60) Fluorene-d10	15.633	176	1887568	30.821	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	274138	27.979	ng/ul	0.00
73) Anthracene-d10	17.480	188	3090920	33.260	ng/ul	0.00
81) Pyrene-d10	19.768	212	3539889	37.519	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.856	264	3467669	35.476	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.881	128	14537142	178.347	ng/ul	97
32) 4-Chloroaniline	10.875	127	1979801	53.726	ng/ul#	8
36) 2-Methylnaphthalene	12.475	142	847428	15.928	ng/ul	98
37) 1-Methylnaphthalene	12.692	142	515418	9.615	ng/ul	100
43) 1,1'-Biphenyl	13.480	154	428662	6.062	ng/ul	99
50) Acenaphthylene	14.363	152	186472	2.072	ng/ul	99
52) Acenaphthene	14.704	153	732050	11.815	ng/ul	98
56) Dibenzofuran	15.039	168	1859427	21.617	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	18629	1.149	ng/ul#	98
61) Fluorene	15.686	166	987699	13.695	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	37723	3.720	ng/ul#	67
71) Pentachlorophenol	17.027	266	35492	2.484	ng/ul	91
72) Phenanthrene	17.421	178	475242	4.364	ng/ul	100
77) Carbazole	17.786	167	3179164	30.878	ng/ul	99

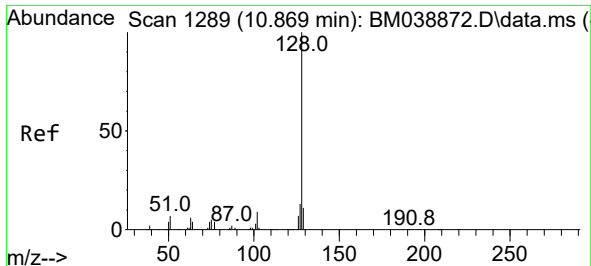
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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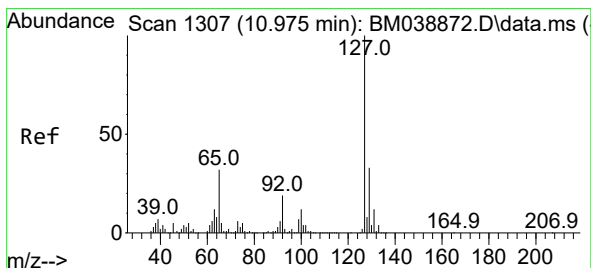
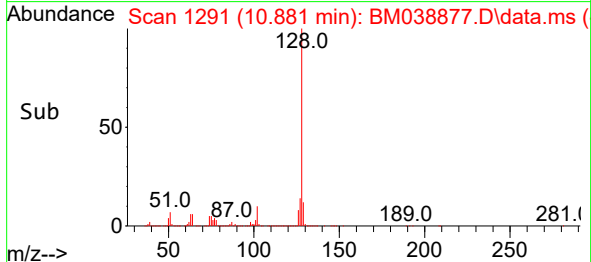
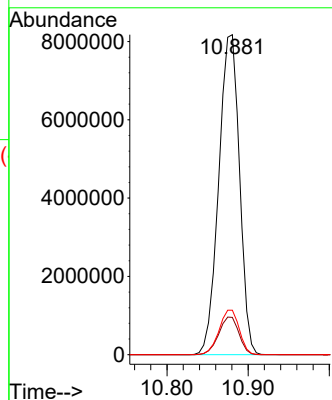
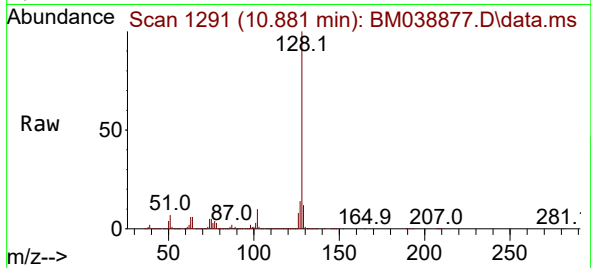




#30
Naphthalene
Concen: 178.347 ng/ul
RT: 10.881 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

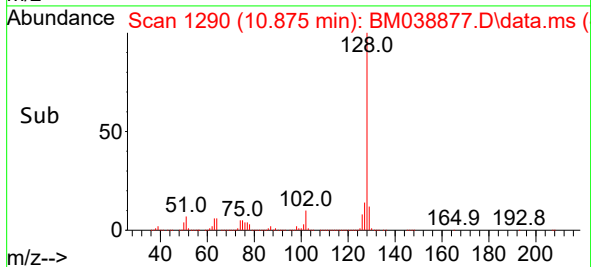
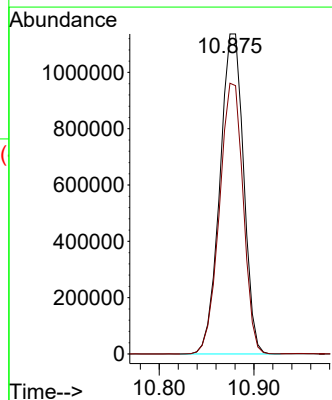
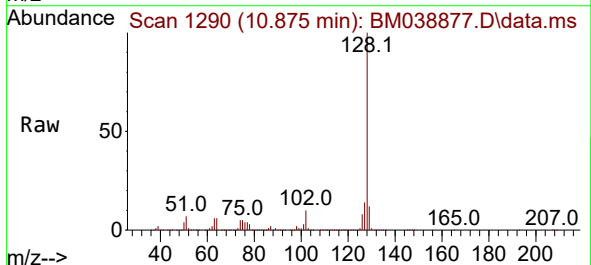
Instrument :
BNA_M
ClientSampleId :
DCAD5

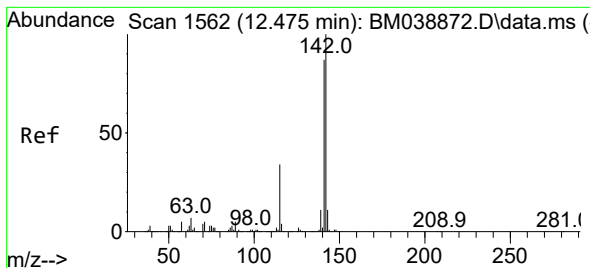
Tgt Ion:128 Resp:14537142
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.9 10.2 15.4



#32
4-Chloroaniline
Concen: 53.726 ng/ul
RT: 10.875 min Scan# 1290
Delta R.T. -0.100 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:127 Resp: 1979801
Ion Ratio Lower Upper
127 100
129 84.6 26.3 39.5#

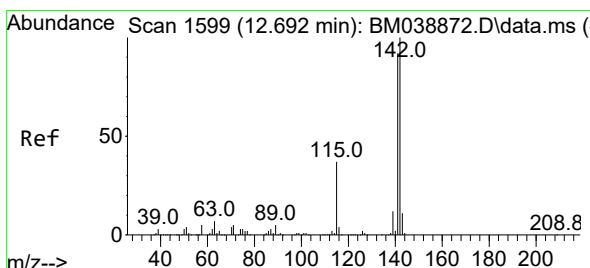
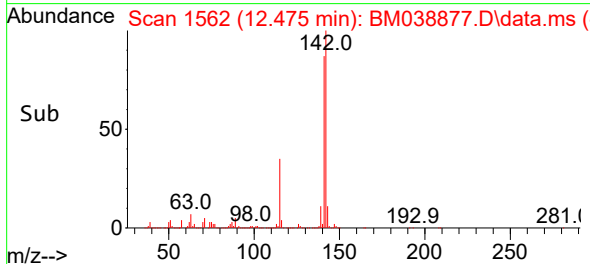
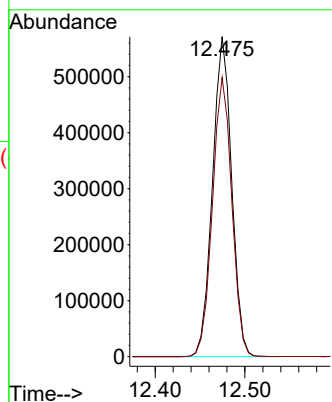
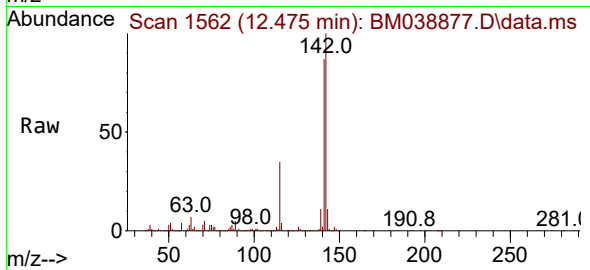




#36
2-Methylnaphthalene
Concen: 15.928 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

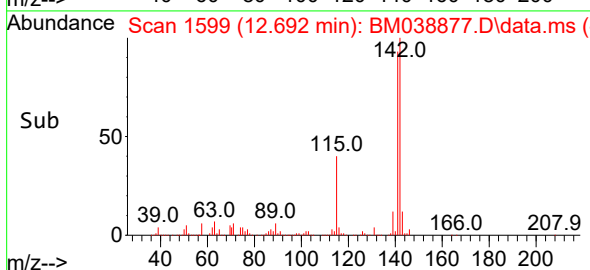
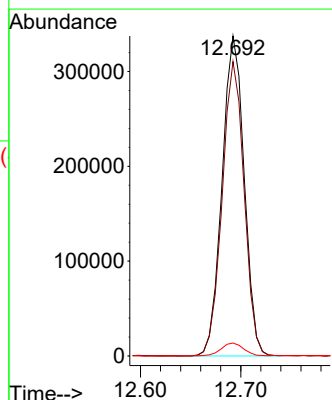
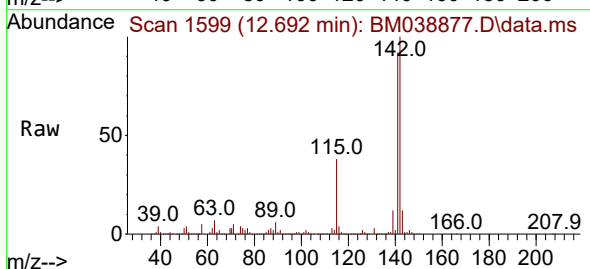
Instrument :
BNA_M
ClientSampleId :
DCAD5

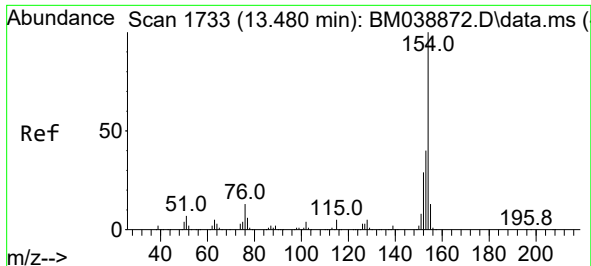
Tgt Ion:142 Resp: 847428
Ion Ratio Lower Upper
142 100
141 87.3 71.0 106.6



#37
1-Methylnaphthalene
Concen: 9.615 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:142 Resp: 515418
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 4.0 3.2 4.8

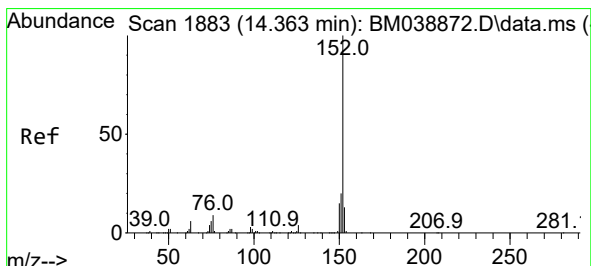
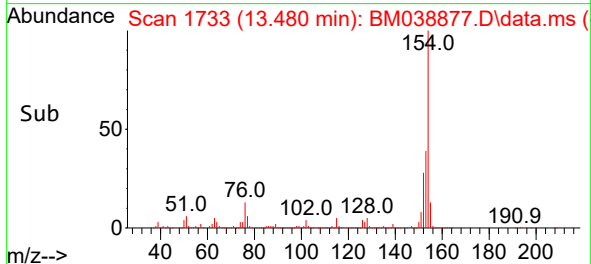
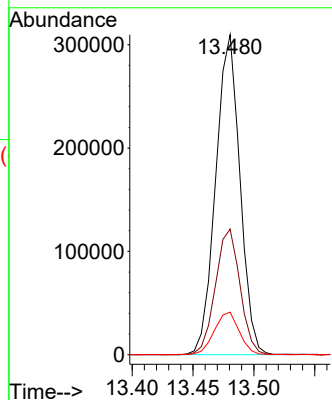
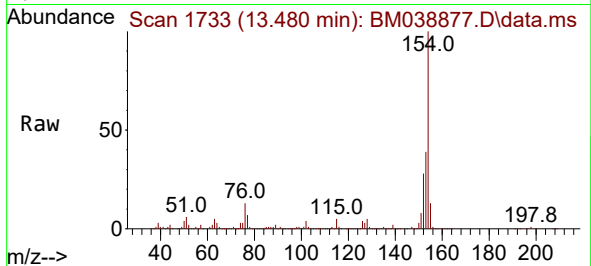




#43
1,1'-Biphenyl
Concen: 6.062 ng/ul
RT: 13.480 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

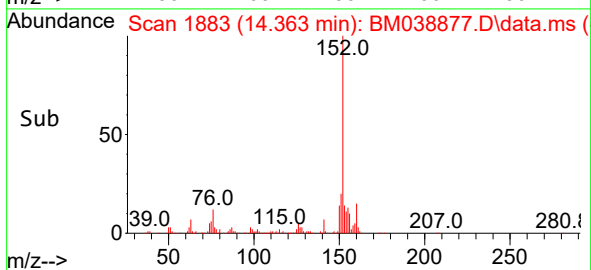
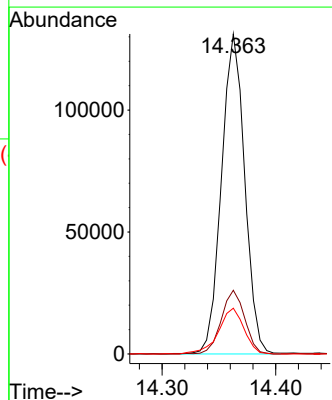
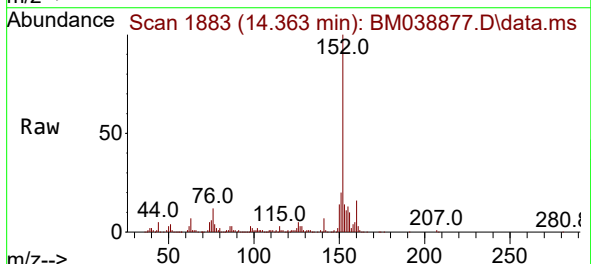
Instrument :
BNA_M
ClientSampleId :
DCAD5

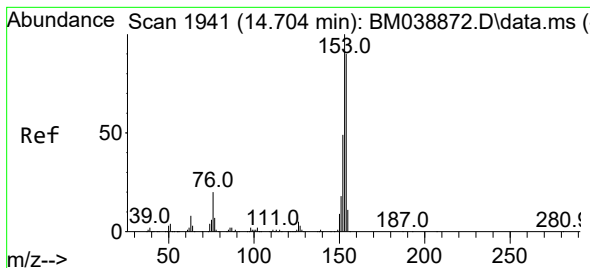
Tgt Ion:154 Resp: 428662
Ion Ratio Lower Upper
154 100
153 39.3 31.3 46.9
76 13.3 11.0 16.6



#50
Acenaphthylene
Concen: 2.072 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:152 Resp: 186472
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.3 10.4 15.6





#52

Acenaphthene

Concen: 11.815 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD5

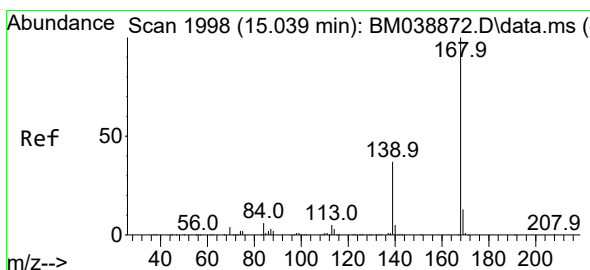
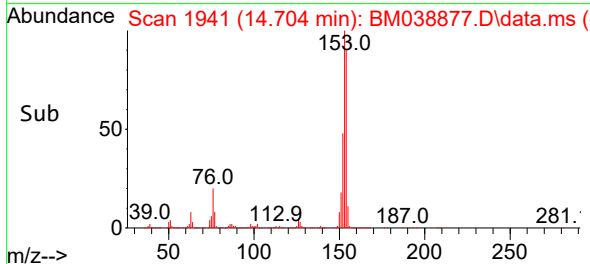
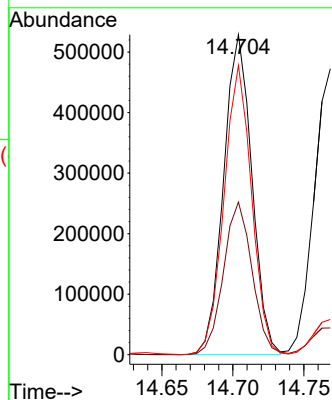
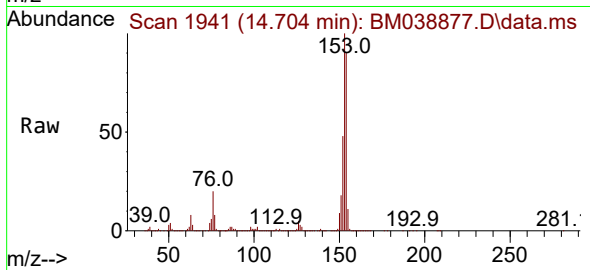
Tgt Ion:153 Resp: 732050

Ion Ratio Lower Upper

153 100

152 47.7 39.1 58.7

154 90.4 70.4 105.6



#56

Dibenzofuran

Concen: 21.617 ng/ul

RT: 15.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BM038877.D

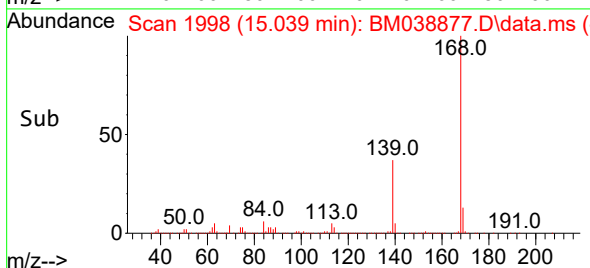
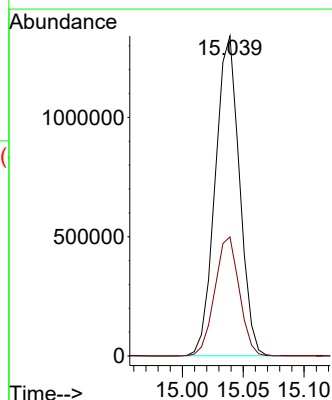
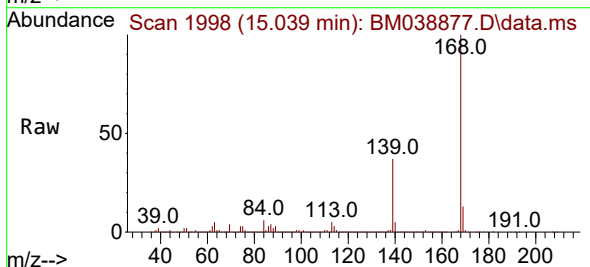
Acq: 06 Mar 2023 18:35

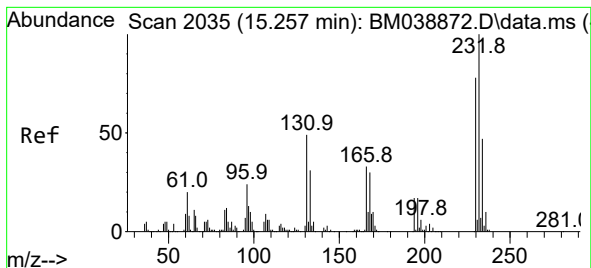
Tgt Ion:168 Resp: 1859427

Ion Ratio Lower Upper

168 100

139 37.2 30.9 46.3

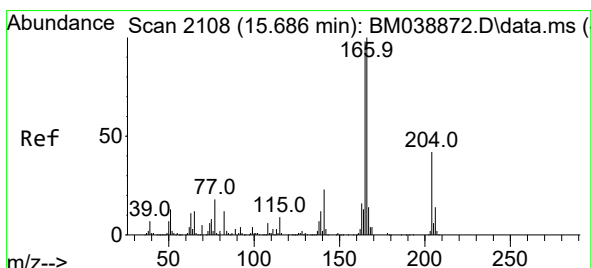
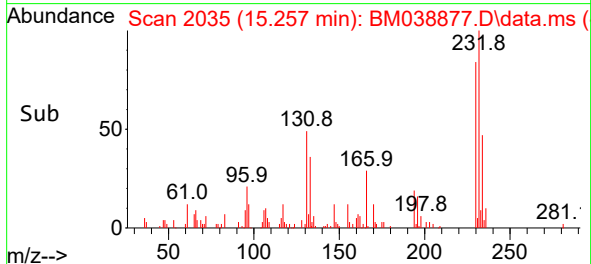
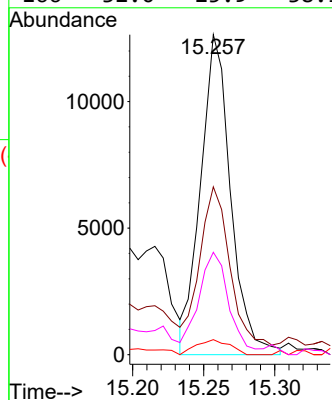
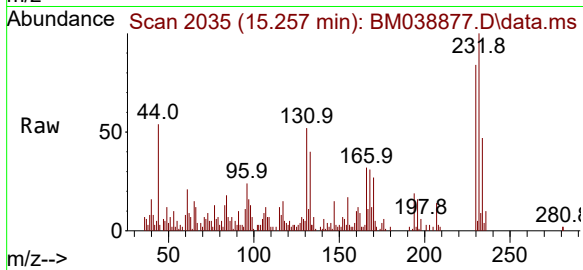




#58
2,3,4,6-Tetrachlorophenol
Concen: 1.149 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

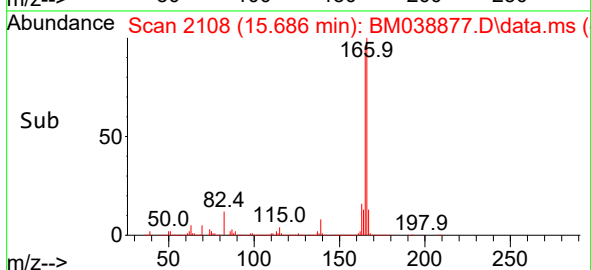
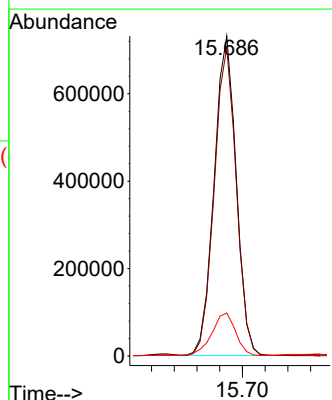
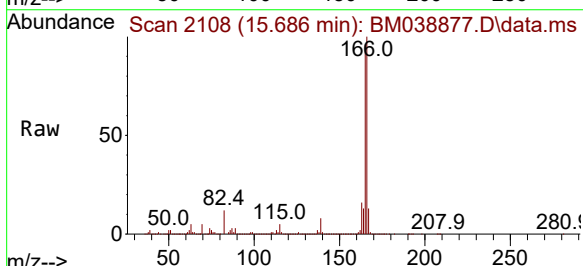
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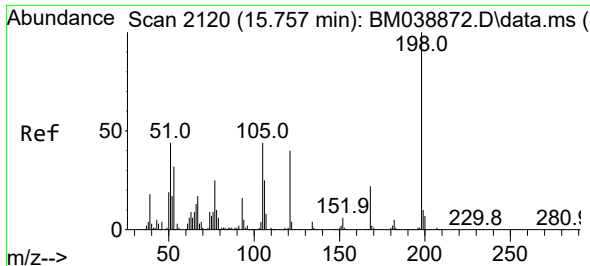
Tgt Ion:	232	Resp:	18629
Ion Ratio	Lower	Upper	
232	100		
131	52.5	40.6	60.8
130	4.7	2.0	3.0#
166	32.0	25.9	38.9



#61
Fluorene
Concen: 13.695 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:	166	Resp:	987699
Ion Ratio	Lower	Upper	
166	100		
165	96.4	78.2	117.4
167	13.4	10.5	15.7

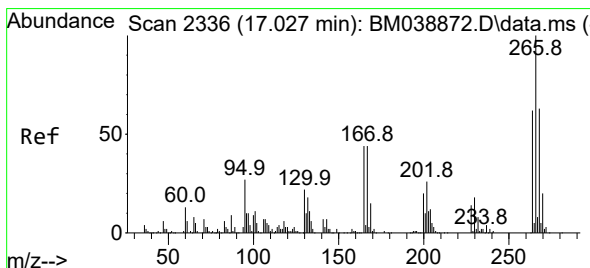
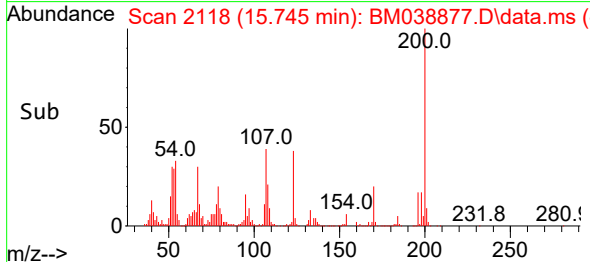
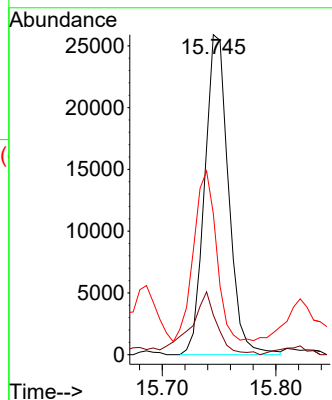
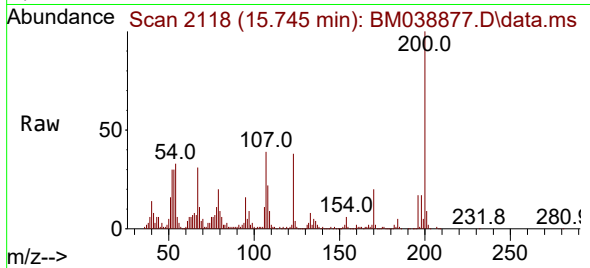




#66
4,6-Dinitro-2-methylphenol
Concen: 3.720 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

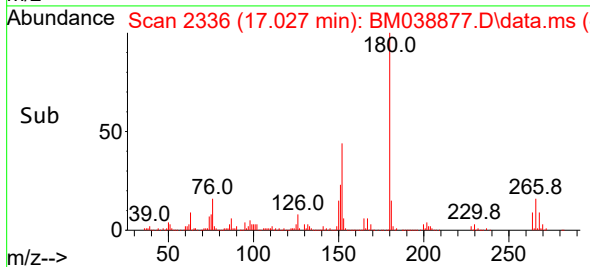
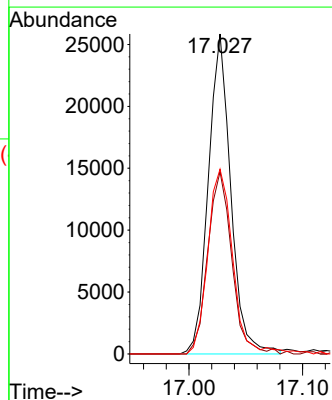
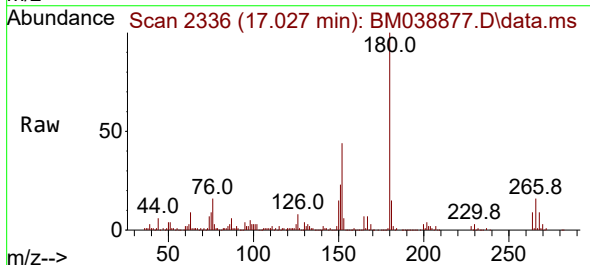
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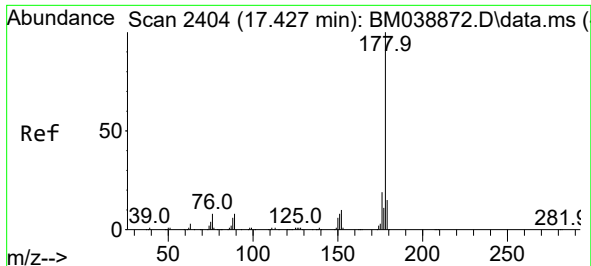
Tgt Ion:198 Resp: 37723
Ion Ratio Lower Upper
198 100
182 12.4 3.5 5.3#
77 44.1 21.0 31.6#



#71
Pentachlorophenol
Concen: 2.484 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:266 Resp: 35492
Ion Ratio Lower Upper
266 100
264 57.0 51.0 76.6
268 57.7 51.7 77.5

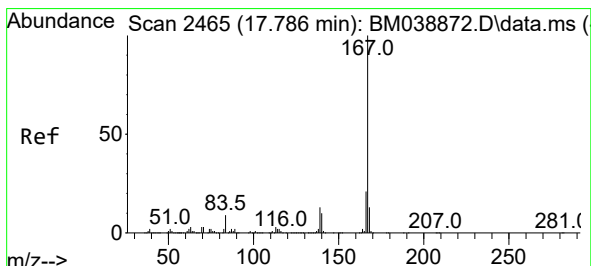
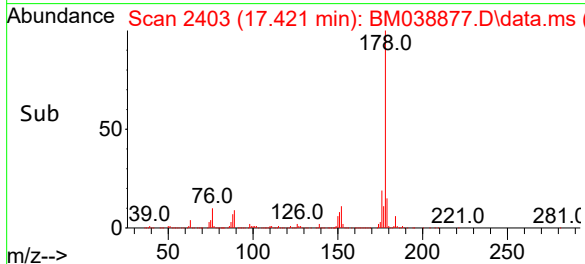
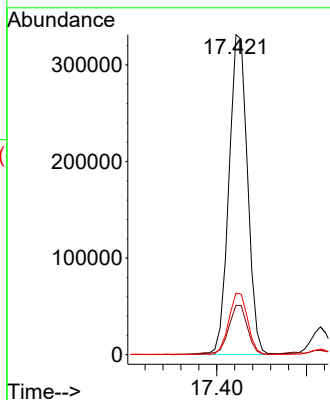
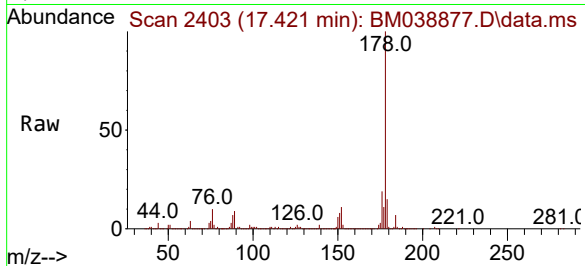




#72
Phenanthrene
Concen: 4.364 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 475242
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.7 23.5



#77
Carbazole
Concen: 30.878 ng/ul
RT: 17.786 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:167 Resp: 3179164
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 13.3 10.6 16.0

